

AMBIENT AIR SURVEY IN THE HAWKESBURY AREA

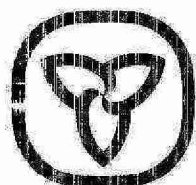
1979

(CANADIAN INTERNATIONAL PAPER)

COMPILATION OF TIME AVERAGED DATA

ADDENDUM TO

ARB - TDA REPORT No. 80-79



Ontario

Ministry
of the
Environment

The Honourable
Harry C. Parrott, D.D.S.,
Minister

Graham W. S. Scott,
Deputy Minister

Copyright Provisions and Restrictions on Copying:

This Ontario Ministry of the Environment work is protected by Crown copyright (unless otherwise indicated), which is held by the Queen's Printer for Ontario. It may be reproduced for non-commercial purposes if credit is given and Crown copyright is acknowledged.

It may not be reproduced, in all or in part, for any commercial purpose except under a licence from the Queen's Printer for Ontario.

For information on reproducing Government of Ontario works, please contact ServiceOntario Publications at copyright@ontario.ca

Air Resources Branch
Technology Development and Appraisal Section
Monitoring and Instrumentation Development Unit

Addendum to
ARB-TDA Report No.80-79

Ambient Air Survey in the Hawkesbury Area

1979

(Canadian International Paper)

Compilation of Time Averaged Data

Ontario Ministry of the Environment
880 Bay Street
Toronto, Ontario

August, 1979

aloo

The ambient air concentrations of selected gaseous pollutants and ground-based meteorological parameters as monitored by the Mobile Air Monitoring unit in the vicinity of the Canadian International Paper (CIP) sulphite mill at Hawkesbury during the summer of 1979 are presented in the following statistical printouts.

All statistical values are based on averaged values of instantaneous recorded values as obtained from the analytical instrumentation associated with this monitoring unit and all results are expressed in ppm (parts per million). Refer to Section 04 of initial survey report for a more complete description of sampling procedure and data handling.

All headings have the following format:

Hawkesbury #X

where X refers to the monitoring period as assigned during the survey.

The monitoring periods are presented in chronological order; however, several omissions will be noted. Reasons for these omissions were as follows:

- (i) insufficient data - 1 hour was deemed the minimal observational period in order to establish a "true" 30-minute average concentration of the gaseous pollutant of interest.
- (ii) instrument failure - mainly data acquisition and data handling - cassette tape damage.
- (iii) calibration statistics - several monitoring periods included only this type of data.

HAWKESBURY #1

DATE: JUL 10 1979

SCAN TIME: 60 SEC

AVERAGING TIME: 30 MIN

LOCATION:

50M SOUTH CRNR WEST & NELSON STS.(X2930-X5045); 0.5KM @ 210DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
09:54----10:24	1.0E-03 1.7E+00 5.2E-02 1010	3.4E+00 1.4E-01 3.5E-02 1	1.2E-02 9.0E-02 30 186	1.8E+00 1.8E-01 59
09:57----10:27	8.8E-04 1.7E+00 5.2E-02 1010	3.3E+00 1.4E-01 4.1E-02 1	1.2E-02 7.2E-02 31 204	1.9E+00 1.9E-01 58
10:00----10:30	7.3E-04 1.7E+00 5.3E-02 1010	3.3E+00 1.4E-01 4.7E-02 1	1.2E-02 7.2E-02 31 217	1.8E+00 1.9E-01 57
10:03----10:33	6.6E-04 1.7E+00 5.5E-02 1010	3.2E+00 1.3E-01 5.3E-02 1	1.1E-02 7.3E-02 32 229	1.6E+00 1.7E-01 55
10:06----10:36	6.5E-04 1.7E+00 5.7E-02 1010	3.2E+00 1.2E-01 5.9E-02 0	1.1E-02 7.4E-02 33 259	1.5E+00 1.4E-01 54
10:09----10:39	5.7E-04 1.7E+00 5.7E-02 1010	3.2E+00 1.2E-01 5.9E-02 1	1.3E-02 7.5E-02 34 33	1.5E+00 1.3E-01 52
10:12----10:42	5.8E-04 1.7E+00 5.8E-02 1010	3.1E+00 1.2E-01 5.8E-02 1	1.5E-02 7.5E-02 34 37	1.5E+00 1.3E-01 51
10:15----10:45	6.0E-04 1.7E+00 5.9E-02 1010	3.1E+00 1.2E-01 5.8E-02 2	1.6E-02 7.5E-02 35 32	1.5E+00 1.3E-01 51
10:18----10:48	5.8E-04 1.7E+00 6.0E-02 1010	3.0E+00 1.2E-01 5.9E-02 2	1.7E-02 7.4E-02 35 30	1.5E+00 1.0E-01 50

STATISTICS

NUMBER OF READINGS 56

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	3.06E-03	7.32E-04	7.90E-04	1.12E-04	2.23E+01
THC	2.09E+00	1.06E+01	2.91E+00	1.57E+00	2.68E+00	1.42E+00
SO2	6.85E-03	3.50E-02	1.44E-02	5.70E-03	1.34E-02	1.48E+00
THC-CH4	7.23E-01	8.01E+00	1.43E+00	1.47E+00	1.12E+00	1.80E+00
CH4	1.36E+00	2.13E+00	1.69E+00	1.46E-01	1.68E+00	1.09E+00
NOX	1.33E-02	1.09E+00	1.05E-01	1.81E-01	4.85E-02	3.05E+00
NO2	1.00E-06	1.17E+00	5.80E-02	1.76E-01	2.25E-03	7.17E+01
NO	5.79E-03	1.01E+00	1.22E-01	2.09E-01	3.46E-02	4.63E+00
OZONE	3.15E-02	7.06E-02	5.78E-02	1.03E-02	5.68E-02	1.22E+00
SOLAR RAD	7.06E-05	6.49E-02	4.56E-02	2.42E-02	1.44E-02	1.47E+01
TEMP	28	38	33	3		
HUMIDITY	44	63	54	6	54	1
BAROMETER	1010	1010	1010	0	1010	1
WIND SPEED	0	7	3	2	1	6

HAWKESBURY #2

DATE: JUL 10 1979
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION:
 50M SOUTH CRNR WEST & NELSON STS.(X2930-X5045); 0.5KM & 210DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
11:06----11:36	1.3E-03 1.3E+00 7.1E-02 1010	2.6E+00 6.1E-02 6.5E-02 2	1.0E-01 3.2E-02 35 228	1.1E+00 4.3E-02 45
11:09----11:39	1.2E-03 1.3E+00 7.3E-02 1010	2.4E+00 4.6E-02 6.5E-02 2	6.8E-02 2.2E-02 35 237	9.8E-01 3.5E-02 46
11:12----11:42	1.0E-03 1.3E+00 7.5E-02 1010	2.3E+00 4.5E-02 6.6E-02 3	3.7E-02 2.2E-02 34 240	9.0E-01 3.1E-02 47
11:15----11:45	8.9E-04 1.3E+00 7.6E-02 1010	2.3E+00 4.3E-02 6.4E-02 3	2.9E-02 2.3E-02 34 237	9.1E-01 2.8E-02 48
11:18----11:48	8.1E-04 1.3E+00 7.7E-02 1010	2.3E+00 3.3E-02 6.1E-02 4	2.5E-02 1.1E-02 34 237	8.8E-01 2.9E-02 49
11:21----11:51	7.5E-04 1.3E+00 7.8E-02 1010	2.3E+00 3.3E-02 5.8E-02 5	2.3E-02 1.1E-02 33 237	8.7E-01 2.9E-02 50
11:24----11:54	7.6E-04 1.4E+00 7.8E-02 1010	2.3E+00 3.4E-02 5.4E-02 6	2.2E-02 1.1E-02 32 235	8.5E-01 2.9E-02 50
11:27----11:57	5.5E-04 1.5E+00 7.9E-02 1010	2.1E+00 3.5E-02 5.1E-02 6	2.1E-02 1.3E-02 32 233	8.4E-01 2.9E-02 51
11:30----12:00	4.7E-04 1.5E+00 7.9E-02 1010	2.2E+00 3.6E-02 4.9E-02 6	2.0E-02 1.4E-02 31 233	8.2E-01 2.7E-02 52
11:33----12:03	3.9E-04 1.6E+00 7.8E-02 1010	2.4E+00 3.7E-02 4.8E-02 6	2.0E-02 1.6E-02 31 234	1.1E+00 2.8E-02 53

HAWKESBURY #2, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
11:36----12:06	2.5E-04 1.6E+00 7.8E-02 1010	2.5E+00 3.8E-02 4.7E-02 6	1.9E-02 1.8E-02 31 234	1.1E+00 2.5E-02 53

STATISTICS

NUMBER OF READINGS 61

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	3.14E-03	7.56E-04	7.88E-04	1.10E-04	2.38E+01
THC	1.79E+00	7.60E+00	2.58E+00	1.31E+00	2.38E+00	1.43E+00
SO2	1.68E-02	3.98E-01	6.11E-02	1.02E-01	3.27E-02	2.46E+00
THC-CH4	4.62E-01	9.40E+00	1.06E+00	1.20E+00	8.64E-01	1.68E+00
CH4	1.27E+00	2.25E+00	1.49E+00	2.65E-01	1.47E+00	1.18E+00
NOX	1.94E-02	3.03E-01	4.94E-02	4.90E-02	3.92E-02	1.80E+00
NO2	1.00E-06	2.46E-01	2.51E-02	4.70E-02	3.32E-03	3.68E+01
NO	9.92E-03	1.61E-01	3.41E-02	3.31E-02	2.62E-02	1.93E+00
OZONE	4.42E-02	8.35E-02	7.48E-02	7.59E-03	7.44E-02	1.12E+00
SOLAR RAD	3.60E-02	7.34E-02	5.65E-02	1.23E-02	5.50E-02	1.27E+00
TEMP	29	38	33	3		
HUMIDITY	18	58	49	6	49	1
BAROMETER	1010	1010	1010	0	1010	1
WIND SPEED	0	10	4	3	2	6

HAWKESBURY #3

DATE: JUL 10 1979
 SCAN TIME: 180 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: CONFEDERATION PARK (X3100-X5115); 1.45KM & 075DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
12:22----12:52	3.0E-04 1.9E+00 8.3E-02 1010	2.2E+00 3.6E-02 6.9E-02 2	3.0E-02 1.4E-02 32 25	5.7E-01 2.1E-02 51
12:25----12:55	3.1E-04 1.9E+00 8.4E-02 1010	2.2E+00 3.2E-02 6.7E-02 2	3.0E-02 1.2E-02 32 5	6.2E-01 2.1E-02 51
12:28----12:58	3.4E-04 1.9E+00 8.4E-02 1010	2.1E+00 3.4E-02 6.5E-02 2	2.9E-02 1.5E-02 32 351	5.8E-01 2.1E-02 50
12:31----13:01	3.8E-04 1.9E+00 8.4E-02 1010	2.1E+00 3.3E-02 6.6E-02 1	2.9E-02 1.4E-02 32 328	5.7E-01 2.1E-02 49
12:34----13:04	3.8E-04 1.9E+00 8.3E-02 1010	2.2E+00 3.3E-02 6.7E-02 1	2.9E-02 1.4E-02 33 302	6.0E-01 2.1E-02 48
12:37----13:07	4.2E-04 2.0E+00 8.2E-02 1010	2.2E+00 3.6E-02 6.6E-02 1	2.8E-02 1.5E-02 33 237	5.8E-01 2.3E-02 47
12:40----13:10	4.6E-04 2.0E+00 8.1E-02 1010	2.3E+00 3.8E-02 6.5E-02 2	2.7E-02 1.7E-02 34 218	5.9E-01 2.3E-02 46
12:43----13:13	3.7E-04 2.0E+00 8.0E-02 1010	2.3E+00 4.0E-02 6.4E-02 2	2.7E-02 1.9E-02 34 212	5.9E-01 2.4E-02 44
12:46----13:16	3.0E-04 2.0E+00 7.9E-02 1010	2.3E+00 4.1E-02 6.5E-02 3	2.9E-02 2.0E-02 35 214	5.8E-01 2.4E-02 43
12:49----13:19	3.1E-04 2.0E+00 7.9E-02 1009	2.3E+00 4.3E-02 6.5E-02 4	2.9E-02 2.1E-02 35 221	5.7E-01 2.5E-02 42

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
12:52----13:22	2.5E-04 2.0E+00 8.0E-02 1009	2.3E+00 4.3E-02 6.7E-02 4	3.0E-02 2.1E-02 35 222	5.6E-01 2.5E-02 42
12:55----13:25	2.4E-04 2.1E+00 8.0E-02 1009	2.3E+00 4.4E-02 6.8E-02 5	3.1E-02 2.2E-02 35 219	4.6E-01 2.6E-02 41
12:58----13:28	2.1E-04 2.1E+00 8.0E-02 1009	2.3E+00 4.3E-02 6.6E-02 6	3.1E-02 2.0E-02 35 218	4.3E-01 2.6E-02 40
13:01----13:31	1.7E-04 2.1E+00 8.0E-02 1009	2.3E+00 4.5E-02 6.4E-02 6	3.2E-02 2.1E-02 35 217	4.1E-01 2.7E-02 39
13:04----13:34	1.7E-04 2.2E+00 7.9E-02 1009	2.3E+00 4.7E-02 6.4E-02 7	3.1E-02 2.3E-02 35 218	3.7E-01 2.9E-02 39
13:07----13:37	1.3E-04 2.2E+00 8.0E-02 1009	2.3E+00 4.7E-02 6.4E-02 6	3.1E-02 2.2E-02 35 218	3.4E-01 2.9E-02 39
13:10----13:40	9.8E-05 2.2E+00 8.0E-02 1009	2.1E+00 4.7E-02 6.4E-02 7	3.2E-02 2.1E-02 35 222	3.1E-01 3.0E-02 39
13:13----13:43	9.8E-05 2.3E+00 8.2E-02 1009	2.1E+00 4.7E-02 6.4E-02 8	3.3E-02 1.9E-02 35 226	2.9E-01 3.1E-02 39
13:16----13:46	9.8E-05 2.3E+00 8.2E-02 1009	2.2E+00 4.8E-02 6.3E-02 9	3.3E-02 1.9E-02 35 227	2.7E-01 3.2E-02 39
13:19----13:49	6.5E-06 2.4E+00 8.0E-02 1009	2.2E+00 4.9E-02 6.4E-02 8	3.3E-02 1.9E-02 35 228	2.7E-01 3.4E-02 39
13:22----13:52	6.5E-06 2.4E+00 8.1E-02 1009	2.2E+00 5.2E-02 6.5E-02 8	3.4E-02 1.9E-02 35 229	2.5E-01 3.6E-02 39

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
13:25-----13:55	6.5E-06 2.4E+00 8.1E-02 1009	2.2E+00 5.3E-02 6.5E-02 8	3.5E-02 1.9E-02 35 226	2.3E-01 3.7E-02 39
13:28-----13:58	6.5E-06 2.5E+00 8.1E-02 1009	2.2E+00 5.4E-02 6.7E-02 8	3.6E-02 1.8E-02 35 226	2.1E-01 3.9E-02 38
13:31-----14:01	6.5E-06 2.5E+00 8.0E-02 1009	2.2E+00 5.6E-02 6.8E-02 8	3.7E-02 1.8E-02 35 224	1.9E-01 4.2E-02 38
13:34-----14:04	6.5E-06 2.5E+00 8.0E-02 1009	2.2E+00 5.8E-02 6.9E-02 8	3.8E-02 1.8E-02 35 221	1.6E-01 4.4E-02 38
13:37-----14:07	6.5E-06 2.6E+00 8.0E-02 1009	2.2E+00 6.0E-02 7.0E-02 9	3.9E-02 1.9E-02 35 220	1.4E-01 4.6E-02 38
13:40-----14:10	1.6E-03 2.6E+00 8.0E-02 1009	2.2E+00 6.4E-02 7.1E-02 8	4.0E-02 2.0E-02 35 218	1.1E-01 4.8E-02 38
13:43-----14:13	2.0E-03 2.7E+00 7.8E-02 1009	2.2E+00 6.8E-02 6.9E-02 8	4.0E-02 2.1E-02 35 213	9.5E-02 5.1E-02 38
13:46-----14:16	2.2E-03 2.7E+00 7.9E-02 1009	2.2E+00 7.0E-02 6.6E-02 8	4.0E-02 2.1E-02 35 214	7.4E-02 5.3E-02 38
13:49-----14:19	2.2E-03 2.7E+00 8.1E-02 1009	2.1E+00 7.1E-02 6.2E-02 8	4.1E-02 2.1E-02 35 214	4.0E-02 5.5E-02 37

STATISTICS

NUMBER OF READINGS 39

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	1.62E-02	7.18E-04	2.63E-03	1.22E-05	2.73E+01
THC	2.04E+00	3.32E+00	2.21E+00	2.21E-01	2.20E+00	1.09E+00
SO2	2.08E-02	4.60E-02	3.36E-02	6.89E-03	3.28E-02	1.24E+00
THC-CH4	1.00E-06	1.29E+00	3.61E-01	2.82E-01	6.39E-02	7.86E+01
CH4	1.92E+00	2.79E+00	2.26E+00	3.19E-01	2.24E+00	1.15E+00
NOX	2.43E-02	8.58E-02	5.02E-02	1.72E-02	4.72E-02	1.44E+00
NO2	6.80E-03	4.71E-02	1.87E-02	7.81E-03	1.71E-02	1.57E+00
NO	1.85E-02	6.51E-02	3.40E-02	1.42E-02	3.14E-02	1.49E+00
OZONE	6.67E-02	9.04E-02	8.11E-02	5.29E-03	8.09E-02	1.07E+00
SOLAR RAD	3.63E-02	8.77E-02	6.52E-02	1.18E-02	6.40E-02	1.22E+00
TEMP	31	36	34	2		
HUMIDITY	35	56	42	6	42	1
BAROMETER	1008	1010	1009	0	1009	1
WIND SPEED	0	15	6	4	5	2

HAWKESBURY #4

DATE: JUL 10 1979
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: GRENVILLE, P.Q. - CANAL ST.(X3065-X5230); 2KM & 045DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
14:36-----15:06	8.3E-06 2.7E+00 9.7E-02 1008	2.0E+00 5.4E-02 6.1E-02 8	4.5E-02 6.3E-03 36 250	4.3E-03 5.0E-02 36
14:39-----15:09	1.0E-06 2.7E+00 9.8E-02 1008	2.0E+00 5.2E-02 5.8E-02 8	3.7E-02 5.7E-03 36 254	4.3E-03 4.8E-02 36
14:42-----15:12	1.0E-06 2.7E+00 9.8E-02 1008	2.0E+00 5.1E-02 5.4E-02 8	3.5E-02 5.9E-03 36 256	1.0E-06 4.7E-02 35
14:45-----15:15	1.0E-06 2.7E+00 9.8E-02 1008	2.0E+00 5.1E-02 4.9E-02 9	3.4E-02 6.4E-03 36 256	1.0E-06 4.6E-02 36
14:48-----15:18	1.8E-06 2.7E+00 9.8E-02 1008	2.0E+00 5.0E-02 4.6E-02 9	3.3E-02 6.7E-03 36 257	1.0E-06 4.5E-02 36
14:51-----15:21	1.8E-06 2.7E+00 9.8E-02 1008	2.0E+00 4.8E-02 4.4E-02 9	3.3E-02 6.7E-03 36 255	1.9E-04 4.3E-02 37
14:54-----15:24	1.5E-05 2.6E+00 9.8E-02 1008	2.0E+00 4.7E-02 4.2E-02 10	3.2E-02 7.0E-03 35 254	9.1E-04 4.2E-02 37
14:57-----15:27	2.8E-05 2.6E+00 9.7E-02 1008	2.0E+00 4.6E-02 3.9E-02 10	3.3E-02 7.2E-03 35 250	9.1E-04 4.0E-02 38
15:00-----15:30	2.8E-05 2.6E+00 9.6E-02 1008	2.0E+00 4.5E-02 3.7E-02 11	3.5E-02 7.9E-03 34 247	9.1E-04 3.9E-02 39
15:03-----15:33	2.8E-05 2.6E+00 9.6E-02 1008	2.0E+00 4.4E-02 3.5E-02 11	3.5E-02 8.0E-03 34 243	1.8E-03 3.8E-02 39

HAWKESBURY #4, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
15:06----15:36	2.8E-05 2.6E+00 9.5E-02 1008	2.0E+00 4.4E-02 3.5E-02 12	3.5E-02 8.4E-03 34 239	1.8E-03 3.7E-02 40
15:09----15:39	2.8E-05 2.5E+00 9.5E-02 1008	2.0E+00 4.3E-02 3.5E-02 13	3.5E-02 8.3E-03 33 237	1.8E-03 3.6E-02 41
15:12----15:42	2.8E-05 2.5E+00 9.4E-02 1008	2.0E+00 4.2E-02 3.7E-02 13	3.5E-02 8.1E-03 33 235	8.5E-03 3.5E-02 41
15:15----15:45	2.8E-05 2.5E+00 9.4E-02 1008	2.0E+00 4.1E-02 3.9E-02 13	3.4E-02 7.9E-03 33 235	1.2E-02 3.4E-02 41
15:18----15:48	4.3E-05 2.5E+00 9.4E-02 1008	2.0E+00 4.0E-02 4.1E-02 14	3.5E-02 8.4E-03 33 236	1.5E-02 3.4E-02 42
15:21----15:51	5.6E-05 2.5E+00 9.3E-02 1008	2.0E+00 4.1E-02 4.3E-02 15	3.7E-02 9.0E-03 33 237	1.8E-02 3.4E-02 42
15:24----15:54	4.3E-05 2.5E+00 9.3E-02 1008	2.0E+00 4.0E-02 4.4E-02 15	3.7E-02 9.0E-03 32 235	2.1E-02 3.3E-02 42
15:27----15:57	3.0E-05 2.4E+00 9.3E-02 1008	2.0E+00 4.0E-02 4.5E-02 14	3.7E-02 9.0E-03 32 236	2.3E-02 3.3E-02 43
15:30----16:00	3.0E-05 2.4E+00 9.3E-02 1008	2.0E+00 3.9E-02 4.5E-02 14	3.5E-02 8.3E-03 32 236	2.7E-02 3.3E-02 43
15:33----16:03	3.0E-05 2.4E+00 9.3E-02 1008	2.0E+00 3.9E-02 4.5E-02 13	3.3E-02 8.1E-03 32 236	2.7E-02 3.3E-02 43
15:36----16:06	3.0E-05 2.4E+00 9.3E-02 1007	1.9E+00 3.9E-02 4.3E-02 13	3.3E-02 7.9E-03 32 237	2.9E-02 3.3E-02 43

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
15:39----16:09	3.0E-05 2.4E+00 9.2E-02 1007	2.0E+00 3.9E-02 4.1E-02 12	3.3E-02 8.0E-03 32 236	3.2E-02 3.2E-02 43
15:42----16:12	3.0E-05 2.4E+00 9.2E-02 1007	1.9E+00 3.9E-02 3.8E-02 12	3.3E-02 8.5E-03 32 236	2.8E-02 3.3E-02 44
15:45----16:15	3.0E-05 2.4E+00 9.2E-02 1007	1.9E+00 3.9E-02 3.5E-02 12	3.2E-02 8.3E-03 32 235	2.8E-02 3.3E-02 44
15:48----16:18	1.4E-05 2.4E+00 9.3E-02 1007	1.9E+00 3.9E-02 3.3E-02 12	3.0E-02 7.7E-03 31 234	2.8E-02 3.3E-02 45
15:51----16:21	1.0E-06 2.4E+00 9.3E-02 1007	1.9E+00 3.8E-02 3.1E-02 12	2.7E-02 6.9E-03 31 234	2.7E-02 3.3E-02 45
15:54----16:24	1.0E-06 2.4E+00 9.3E-02 1007	1.9E+00 3.8E-02 2.9E-02 12	2.5E-02 6.8E-03 31 235	2.6E-02 3.3E-02 46
15:57----16:27	1.0E-06 2.4E+00 9.2E-02 1007	1.9E+00 3.8E-02 2.8E-02 11	2.4E-02 6.8E-03 31 235	2.8E-02 3.3E-02 47
16:00----16:30	1.0E-06 2.4E+00 9.2E-02 1007	1.9E+00 3.8E-02 2.8E-02 9	2.3E-02 7.2E-03 31 234	3.0E-02 3.2E-02 47
16:03----16:33	1.0E-06 2.4E+00 9.1E-02 1007	1.9E+00 3.8E-02 3.0E-02 9	2.3E-02 7.3E-03 31 232	3.8E-02 3.2E-02 48
16:06----16:36	1.0E-06 2.4E+00 9.0E-02 1007	2.0E+00 3.8E-02 3.3E-02 8	2.1E-02 7.6E-03 31 230	1.6E-01 3.3E-02 48
16:09----16:39	1.0E-06 2.4E+00 8.9E-02 1007	2.0E+00 4.0E-02 3.6E-02 7	2.0E-02 8.7E-03 31 228	1.7E-01 3.3E-02 47

HAWKESBURY #4, CONT'D

PAGE 4

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
16:12----16:42	1.00E-06 2.4E+00 8.9E-02 1007	2.0E+00 4.0E-02 3.7E-02 6	2.0E-02 8.5E-03 32 227	1.8E-01 3.3E-02 47

STATISTICS

NUMBER OF READINGS 126

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	4.60E-04	1.60E-05	7.07E-05	1.37E-06	3.52E+00
THC	1.90E+00	2.71E+00	1.98E+00	1.03E-01	1.97E+00	1.05E+00
SO2	1.68E-02	1.24E-01	3.29E-02	1.48E-02	3.06E-02	1.43E+00
THC-CH4	1.00E-06	3.51E+00	5.16E-02	3.13E-01	2.86E-04	1.90E+02
CH4	2.36E+00	2.75E+00	2.52E+00	1.29E-01	2.52E+00	1.05E+00
NOX	3.48E-02	7.27E-02	4.38E-02	7.49E-03	4.33E-02	1.17E+00
NO2	3.01E-03	2.72E-02	7.87E-03	3.55E-03	7.28E-03	1.47E+00
NO	3.10E-02	5.66E-02	3.79E-02	7.29E-03	3.72E-02	1.20E+00
OZONE	7.74E-02	1.00E-01	9.35E-02	4.41E-03	9.34E-02	1.05E+00
SOLAR RAD	2.40E-02	7.88E-02	4.31E-02	1.48E-02	4.07E-02	1.40E+00
TEMP	30	38	33	2		
HUMIDITY	32	51	42	5	42	1
BAROMETER	1007	1008	1008	0	1008	1
WIND SPEED	2	20	10	5	9	2

HAWKESBURY #5

DATE: JUL 10 1979
 SCAN TIME: 300 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: HOLIDAY HOTEL - MCGILL ST.(X3010-X5035); 0.6KM & 125DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
17:10----17:40	3.5E-03 2.0E+00 8.0E-02 1007	1.8E+00 4.8E-02 2.2E-02 7	1.4E-02 1.9E-02 34 215	3.6E-01 3.2E-02 35
17:20----17:50	5.3E-03 1.2E+00 8.0E-02 1007	1.1E+00 4.5E-02 2.6E-02 8	8.6E-03 1.9E-02 34 213	2.9E-01 2.9E-02 34
17:30----18:00	5.5E-03 4.1E-01 7.9E-02 1007	3.8E-01 4.4E-02 2.8E-02 8	5.2E-03 1.9E-02 34 219	2.0E-01 2.8E-02 35
17:40----18:10	5.7E-03 5.2E-06 7.8E-02 1007	2.8E-02 4.2E-02 2.5E-02 8	2.0E-03 1.9E-02 34 218	1.4E-06 2.6E-02 35
17:50----18:20	5.7E-03 5.2E-06 7.5E-02 1007	2.0E-02 4.1E-02 1.6E-02 9	6.2E-04 2.0E-02 33 220	1.4E-06 2.4E-02 38
18:00----18:30	5.7E-03 5.2E-06 7.2E-02 1007	1.5E-02 4.0E-02 9.1E-03 8	6.2E-05 2.0E-02 32 212	1.4E-06 2.2E-02 42
18:10----18:40	5.7E-03 5.2E-06 7.3E-02 1007	8.3E-03 3.5E-02 5.9E-03 7	1.0E-06 1.7E-02 30 207	1.4E-06 2.1E-02 46
18:20----18:50	5.7E-03 5.2E-06 7.5E-02 1007	6.5E-03 3.2E-02 6.9E-03 6	1.0E-06 1.6E-02 30 202	1.4E-06 1.9E-02 48
18:30----19:00	5.7E-03 5.2E-06 7.6E-02 1007	6.4E-03 3.1E-02 9.0E-03 4	1.0E-06 1.6E-02 31 205	1.4E-06 1.7E-02 48
18:40----19:10	5.9E-03 5.2E-06 7.3E-02 1007	5.2E-03 3.1E-02 1.0E-02 3	1.0E-06 1.9E-02 31 210	1.4E-06 1.5E-02 47

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
18:50----19:20	6.0E-03 5.2E-06 6.6E-02 1007	3.7E-03 3.7E-02 9.0E-03 2	1.0E-06 2.6E-02 32 216	1.4E-06 1.4E-02 45
19:00----19:30	6.1E-03 5.2E-06 6.0E-02 1007	5.9E-04 4.2E-02 7.0E-03 2	1.0E-06 3.3E-02 32 220	1.4E-06 1.4E-02 45
19:10----19:40	6.1E-03 2.0E-01 5.7E-02 1007	2.7E-01 4.2E-02 5.0E-03 2	7.5E-05 3.4E-02 31 221	3.2E-01 1.2E-02 44
19:20----19:50	6.1E-03 5.8E-01 5.6E-02 1007	7.1E-01 3.9E-02 3.6E-03 2	4.2E-04 3.2E-02 31 216	8.8E-01 1.1E-02 45
19:30----20:00	6.1E-03 9.8E-01 5.5E-02 1007	1.1E+00 3.6E-02 2.8E-03 2	7.6E-04 3.0E-02 30 217	1.4E+00 1.0E-02 47
19:40----20:10	6.1E-03 1.2E+00 5.1E-02 1007	1.3E+00 3.8E-02 2.0E-03 2	9.4E-04 3.2E-02 29 219	1.6E+00 1.0E-02 49
19:50----20:20	6.0E-03 1.2E+00 5.0E-02 1007	1.3E+00 3.9E-02 1.3E-03 2	8.9E-04 3.3E-02 28 217	1.6E+00 1.0E-02 51
20:00----20:30	5.9E-03 1.2E+00 4.9E-02 1008	1.3E+00 3.8E-02 7.3E-04 2	6.1E-04 3.3E-02 28 214	1.5E+00 9.3E-03 54
20:10----20:40	5.8E-03 1.2E+00 5.0E-02 1008	1.3E+00 3.5E-02 4.6E-04 3	5.6E-04 3.0E-02 27 209	1.4E+00 8.2E-03 56
20:20----20:50	5.8E-03 1.2E+00 5.2E-02 1008	1.3E+00 3.0E-02 3.1E-04 3	1.2E-03 2.6E-02 27 210	1.4E+00 7.0E-03 60
20:30----21:00	5.8E-03 1.1E+00 5.2E-02 1008	1.4E+00 3.1E-02 2.1E-04 3	2.7E-03 2.8E-02 26 208	1.4E+00 6.8E-03 62

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
20:40----21:10	5.8E-03 1.1E+00 5.2E-02 1008	1.4E+00 3.0E-02 1.1E-04 3	3.9E-03 2.7E-02 26 209	1.4E+00 6.3E-03 65
20:50----21:20	5.8E-03 1.1E+00 5.0E-02 1008	1.4E+00 3.1E-02 4.1E-05 3	4.6E-03 2.8E-02 26 210	1.4E+00 6.3E-03 67
21:00----21:30	5.8E-03 1.1E+00 5.1E-02 1008	1.4E+00 3.1E-02 7.3E-06 2	4.7E-03 2.9E-02 25 220	1.5E+00 6.3E-03 68
21:10----21:40	5.8E-03 1.1E+00 4.8E-02 1008	1.4E+00 3.2E-02 1.9E-06 2	5.6E-03 2.9E-02 25 236	1.5E+00 7.0E-03 70
21:20----21:50	5.9E-03 1.2E+00 4.6E-02 1008	1.4E+00 3.3E-02 2.8E-06 1	6.4E-03 3.0E-02 25 264	1.5E+00 7.3E-03 73
21:30----22:00	5.9E-03 1.2E+00 4.2E-02 1008	1.5E+00 3.4E-02 3.3E-06 1	7.3E-03 2.9E-02 25 276	1.6E+00 9.4E-03 75
21:40----22:10	5.8E-03 1.1E+00 4.0E-02 1008	1.5E+00 3.7E-02 3.6E-06 0	7.7E-03 3.2E-02 25 273	1.6E+00 9.0E-03 76
21:50----22:20	5.8E-03 1.1E+00 3.9E-02 1008	1.5E+00 3.8E-02 3.7E-06 0	7.7E-03 3.3E-02 25 247	1.6E+00 9.3E-03 76
22:00----22:30	5.7E-03 1.1E+00 3.9E-02 1009	1.5E+00 3.5E-02 3.7E-06 0	7.4E-03 3.2E-02 25 244	1.5E+00 6.6E-03 77
22:10----22:40	5.7E-03 1.1E+00 3.8E-02 1009	1.5E+00 3.6E-02 3.1E-06 0	7.1E-03 3.3E-02 24 244	1.5E+00 6.8E-03 77
22:20----22:50	5.7E-03 1.1E+00 3.6E-02 1009	1.5E+00 3.8E-02 3.3E-06 1	7.1E-03 3.6E-02 24 240	1.6E+00 6.5E-03 79

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
22:30----23:00	5.6E-03 1.1E+00 3.6E-02 1009	1.5E+00 3.6E-02 2.5E-06 1	7.2E-03 3.3E-02 24 236	1.6E+00 6.5E-03 80
22:40----23:10	5.6E-03 1.2E+00 3.5E-02 1009	1.5E+00 3.3E-02 2.8E-06 0	7.2E-03 3.1E-02 24 222	1.7E+00 5.6E-03 80
22:50----23:20	5.7E-03 1.1E+00 3.6E-02 1009	1.5E+00 3.0E-02 1.7E-06 0	7.1E-03 2.8E-02 24 202	1.6E+00 4.9E-03 81
23:00----23:30	5.7E-03 1.1E+00 3.5E-02 1009	1.5E+00 3.0E-02 2.6E-06 1	6.9E-03 2.9E-02 24 202	1.6E+00 4.6E-03 82
23:10----23:40	5.8E-03 1.1E+00 3.7E-02 1009	1.4E+00 2.7E-02 3.1E-06 1	6.9E-03 2.6E-02 24 203	1.5E+00 4.5E-03 82
23:20----23:50	5.8E-03 1.1E+00 4.0E-02 1009	1.4E+00 2.3E-02 3.5E-06 1	7.0E-03 2.2E-02 24 203	1.4E+00 4.2E-03 82
23:30----00:00	5.8E-03 1.1E+00 4.1E-02 1009	1.4E+00 2.3E-02 3.9E-06 1	7.4E-03 2.1E-02 23 203	1.3E+00 4.1E-03 83
23:40----00:10	5.7E-03 1.1E+00 3.9E-02 1009	1.5E+00 2.4E-02 4.9E-06 1	7.8E-03 2.3E-02 23 203	1.3E+00 4.0E-03 83
23:50----00:20	5.7E-03 1.1E+00 3.7E-02 1009	1.6E+00 2.7E-02 5.7E-06 0	8.6E-03 2.6E-02 24 211	1.5E+00 4.1E-03 82
00:00----00:30	5.6E-03 1.2E+00 3.3E-02 1009	1.6E+00 3.2E-02 5.3E-06 0	2.0E-02 3.0E-02 24 359	1.6E+00 5.3E-03 83
00:10----00:40	5.5E-03 1.2E+00 3.1E-02 1009	1.7E+00 3.2E-02 3.7E-06 0	2.8E-02 3.1E-02 24 10	1.6E+00 5.4E-03 84

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
00:20----00:50	5.6E-03 1.2E+00 2.9E-02 1009	1.7E+00 3.2E-02 2.4E-06 0	3.0E-02 3.1E-02 24 11	1.6E+00 5.0E-03 87
00:30----01:00	5.7E-03 1.1E+00 3.2E-02 1009	1.6E+00 2.7E-02 1.6E-06 0	2.1E-02 2.7E-02 23 47	1.5E+00 3.5E-03 88
00:40----01:10	5.8E-03 1.1E+00 3.6E-02 1009	1.6E+00 2.5E-02 1.4E-06 0	1.5E-02 2.5E-02 23 202	1.6E+00 3.4E-03 89
00:50----01:20	5.9E-03 1.1E+00 3.9E-02 1009	1.5E+00 2.2E-02 2.5E-06 0	1.3E-02 2.1E-02 23 202	1.5E+00 3.3E-03 89
01:00----01:30	6.0E-03 1.1E+00 4.1E-02 1009	1.5E+00 2.1E-02 3.0E-06 1	1.2E-02 2.0E-02 23 203	1.4E+00 4.1E-03 89
01:10----01:40	6.2E-03 1.1E+00 4.4E-02 1009	1.5E+00 1.9E-02 3.4E-06 2	1.2E-02 1.7E-02 23 203	1.4E+00 4.0E-03 88
01:20----01:50	6.2E-03 1.1E+00 4.5E-02 1009	1.5E+00 1.9E-02 3.2E-06 2	1.2E-02 1.6E-02 22 205	1.5E+00 4.6E-03 87
01:30----02:00	6.2E-03 1.1E+00 4.6E-02 1009	1.5E+00 1.8E-02 3.6E-06 2	1.2E-02 1.6E-02 22 211	1.4E+00 3.9E-03 87
01:40----02:10	6.1E-03 1.1E+00 4.6E-02 1009	1.4E+00 1.7E-02 4.1E-06 2	1.2E-02 1.5E-02 22 227	1.4E+00 3.8E-03 86
01:50----02:20	6.0E-03 1.1E+00 4.7E-02 1009	1.4E+00 1.5E-02 5.4E-06 2	1.2E-02 1.3E-02 22 233	1.3E+00 3.0E-03 86
02:00----02:30	5.9E-03 1.1E+00 4.8E-02 1009	1.4E+00 1.4E-02 5.0E-06 2	1.2E-02 1.2E-02 22 235	1.3E+00 2.9E-03 86

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
02:10----02:40	6.0E-03 1.1E+00 4.8E-02 1009	1.4E+00 1.3E-02 5.1E-06 1	1.2E-02 1.2E-02 22 227	1.4E+00 2.7E-03 87
02:20----02:50	6.1E-03 1.1E+00 4.7E-02 1009	1.4E+00 1.4E-02 3.8E-06 0	1.1E-02 1.3E-02 22 220	1.5E+00 2.8E-03 86
02:30----03:00	6.2E-03 1.1E+00 4.9E-02 1009	1.5E+00 1.5E-02 4.3E-06 0	1.1E-02 1.3E-02 22 218	1.3E+00 2.8E-03 86
02:40----03:10	6.2E-03 1.1E+00 5.1E-02 1009	1.5E+00 1.4E-02 3.7E-06 0	1.1E-02 1.3E-02 22 208	1.0E+00 2.9E-03 85
02:50----03:20	6.1E-03 1.0E+00 5.3E-02 1009	1.6E+00 1.3E-02 5.1E-06 0	1.1E-02 1.1E-02 22 205	7.9E-01 3.2E-03 84
03:00----03:30	6.1E-03 1.0E+00 5.4E-02 1009	1.6E+00 1.1E-02 5.9E-06 0	1.1E-02 9.5E-03 22 181	7.2E-01 3.0E-03 83
03:10----03:40	5.8E-03 1.0E+00 5.4E-02 1009	1.6E+00 1.0E-02 5.1E-06 1	1.0E-02 8.8E-03 22 152	7.1E-01 2.7E-03 85
03:20----03:50	5.7E-03 1.0E+00 5.4E-02 1009	1.6E+00 1.0E-02 2.9E-06 1	1.0E-02 9.0E-03 22 157	7.0E-01 2.5E-03 88
03:30----04:00	5.7E-03 1.0E+00 5.5E-02 1009	1.6E+00 9.6E-03 2.8E-06 1	9.9E-03 8.1E-03 22 176	6.8E-01 2.6E-03 90
03:40----04:10	5.9E-03 1.0E+00 5.6E-02 1009	1.6E+00 9.5E-03 6.5E-06 1	9.7E-03 7.8E-03 22 194	6.8E-01 2.7E-03 90
03:50----04:20	5.8E-03 9.9E-01 5.7E-02 1009	1.6E+00 8.3E-03 8.1E-06 1	9.7E-03 6.6E-03 22 204	6.8E-01 2.4E-03 89

HAWKESBURY #5, CONT'D

PAGE 7

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
04:00----04:30	5.5E-03 9.9E-01 5.7E-02 1009	1.6E+00 8.2E-03 6.3E-06 2	9.6E-03 6.7E-03 21 207	6.6E-01 2.3E-03 93
04:10----04:40	5.2E-03 9.8E-01 5.7E-02 1009	1.6E+00 7.7E-03 2.6E-06 2	9.4E-03 6.1E-03 21 209	6.6E-01 2.4E-03 104
04:20----04:50	5.1E-03 9.8E-01 5.7E-02 1009	1.5E+00 7.2E-03 1.8E-06 2	9.1E-03 5.7E-03 20 209	6.5E-01 2.3E-03 117
04:30----05:00	5.2E-03 9.6E-01 5.6E-02 1009	1.5E+00 7.1E-03 2.9E-06 1	8.9E-03 5.8E-03 20 197	6.6E-01 2.2E-03 126
04:40----05:10	5.5E-03 9.6E-01 5.5E-02 1009	1.5E+00 7.2E-03 4.0E-06 1	9.0E-03 6.0E-03 20 172	6.5E-01 2.0E-03 129
04:50----05:20	5.4E-03 9.6E-01 5.3E-02 1009	1.5E+00 7.4E-03 4.6E-06 1	9.2E-03 6.2E-03 19 179	6.4E-01 1.9E-03 131
05:00----05:30	5.4E-03 9.6E-01 5.3E-02 1009	1.5E+00 7.2E-03 9.1E-06 1	9.3E-03 5.9E-03 19 186	6.5E-01 1.9E-03 131
05:10----05:40	5.3E-03 9.6E-01 5.2E-02 1009	1.5E+00 6.8E-03 2.6E-05 1	9.5E-03 5.6E-03 19 207	6.7E-01 1.8E-03 132
05:20----05:50	5.2E-03 9.6E-01 5.2E-02 1009	1.6E+00 6.7E-03 4.0E-05 1	9.6E-03 5.7E-03 19 203	6.8E-01 1.7E-03 133
05:30----06:00	5.3E-03 9.7E-01 5.2E-02 1009	1.6E+00 6.9E-03 6.3E-05 1	9.7E-03 6.0E-03 19 208	6.8E-01 1.6E-03 134
05:40----06:10	5.2E-03 9.7E-01 5.1E-02 1009	1.6E+00 7.8E-03 1.1E-04 1	9.9E-03 6.6E-03 19 198	6.9E-01 1.9E-03 134

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
05:50----06:20	5.3E-03 9.8E-01 5.1E-02 1009	1.6E+00 8.3E-03 1.7E-04 1	1.0E-02 7.4E-03 19 199	6.8E-01 1.6E-03 134
06:00----06:30	5.3E-03 9.8E-01 5.0E-02 1009	1.6E+00 8.1E-03 2.8E-04 1	1.0E-02 7.6E-03 19 195	6.8E-01 1.2E-03 133
06:10----06:40	5.5E-03 9.7E-01 5.0E-02 1009	1.6E+00 7.7E-03 4.1E-04 1	1.0E-02 7.9E-03 19 205	6.8E-01 7.8E-04 133
06:20----06:50	5.4E-03 9.7E-01 4.7E-02 1009	1.6E+00 1.8E-02 6.3E-04 0	1.1E-02 1.6E-02 19 205	7.0E-01 3.7E-03 134
06:30----07:00	5.3E-03 9.6E-01 4.4E-02 1009	1.6E+00 2.1E-02 8.1E-04 0	1.1E-02 2.0E-02 19 190	7.3E-01 4.1E-03 136
06:40----07:10	5.2E-03 9.6E-01 4.2E-02 1009	1.6E+00 2.3E-02 9.1E-04 0	1.2E-02 2.1E-02 19 146	7.3E-01 4.3E-03 137
06:50----07:20	5.1E-03 9.6E-01 4.1E-02 1009	1.6E+00 1.5E-02 8.7E-04 0	1.2E-02 1.5E-02 19 137	7.2E-01 1.4E-03 138
07:00----07:30	5.1E-03 9.6E-01 4.1E-02 1009	1.6E+00 1.4E-02 8.8E-04 0	1.2E-02 1.5E-02 19 142	7.2E-01 1.2E-03 138
07:10----07:40	5.1E-03 9.6E-01 4.0E-02 1009	1.6E+00 1.5E-02 9.7E-04 0	1.2E-02 1.5E-02 19 147	7.4E-01 1.0E-03 138
07:20----07:50	5.0E-03 9.6E-01 3.8E-02 1009	1.6E+00 1.6E-02 1.1E-03 0	1.2E-02 1.6E-02 19 153	7.7E-01 1.4E-03 138
07:30----08:00	4.9E-03 9.7E-01 3.6E-02 1009	1.7E+00 1.8E-02 1.1E-03 0	1.2E-02 1.9E-02 19 155	7.7E-01 1.7E-03 137

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
07:40----08:10	4.8E-03 9.7E-01 3.3E-02 1009	1.7E+00 2.2E-02 1.1E-03 0	1.2E-02 2.2E-02 19 152	7.6E-01 2.0E-03 137
07:50----08:20	4.6E-03 9.8E-01 3.1E-02 1009	1.7E+00 2.5E-02 1.2E-03 0	1.3E-02 2.5E-02 19 142	8.0E-01 3.2E-03 136
08:00----08:30	4.5E-03 9.9E-01 3.0E-02 1009	1.8E+00 2.5E-02 1.6E-03 0	1.3E-02 2.4E-02 20 126	8.4E-01 3.7E-03 136

STATISTICS

NUMBER OF READINGS 185

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	6.37E-03	5.58E-03	7.26E-04	5.12E-03	2.46E+00
THC	1.00E-06	2.37E+00	1.34E+00	5.26E-01	6.27E-01	1.66E+01
SO2	1.00E-06	6.77E-02	8.72E-03	6.81E-03	2.97E-03	1.82E+01
THC-CH4	1.00E-06	1.99E+00	9.83E-01	5.52E-01	1.83E-01	9.94E+01
CH4	1.00E-06	2.37E+00	9.64E-01	4.22E-01	1.93E-01	9.95E+01
NOX	6.04E-03	6.49E-02	2.42E-02	1.31E-02	2.03E-02	1.88E+00
NO2	4.97E-03	5.47E-02	1.98E-02	1.03E-02	1.69E-02	1.82E+00
NO	3.27E-04	3.62E-02	6.95E-03	7.43E-03	4.42E-03	2.59E+00
OZONE	2.60E-02	8.63E-02	4.94E-02	1.32E-02	4.77E-02	1.30E+00
SOLAR RAD	1.00E-06	3.25E-02	2.46E-03	6.15E-03	5.17E-05	2.90E+01
TEMP	19	35	24	4		
HUMIDITY	34	138	88	32	81	1
BAROMETER	1007	1009	1008	1	1008	1
WIND SPEED	0	12	2	2	1	5

HAWKESBURY #6

DATE: JUL 11 1979
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION:
 50M SOUTH CRNR MAIN & KITCHENER STS.(X2945-X5060); 0.1KM & 215DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
10:50-----11:20	1.1E-03 1.1E+00 4.1E-02 1009	2.1E+00 3.3E-02 1.3E-02 2	4.3E-02 1.4E-02 22 142	1.0E+00 4.2E-02 109
10:53-----11:23	1.1E-03 1.1E+00 4.1E-02 1009	2.0E+00 3.4E-02 1.2E-02 2	7.4E-02 1.5E-02 22 141	1.0E+00 4.6E-02 109
10:56-----11:26	1.2E-03 1.1E+00 4.0E-02 1009	2.0E+00 3.7E-02 1.1E-02 2	9.1E-02 2.0E-02 22 140	1.0E+00 4.4E-02 109
10:59-----11:29	1.5E-03 1.1E+00 3.9E-02 1009	2.1E+00 4.7E-02 1.1E-02 1	1.6E-01 3.2E-02 22 128	1.0E+00 4.0E-02 109
11:02-----11:32	2.0E-03 1.1E+00 3.8E-02 1009	2.3E+00 5.0E-02 1.1E-02 1	2.6E-01 3.4E-02 22 126	1.2E+00 4.1E-02 109
11:05-----11:35	2.8E-03 1.1E+00 3.5E-02 1009	2.5E+00 6.3E-02 1.2E-02 1	4.2E-01 3.4E-02 22 118	1.3E+00 6.0E-02 109
11:08-----11:38	3.9E-03 1.2E+00 3.3E-02 1009	2.5E+00 6.7E-02 1.2E-02 1	5.1E-01 3.3E-02 22 114	1.4E+00 6.6E-02 108
11:11-----11:41	4.9E-03 1.2E+00 3.3E-02 1009	2.7E+00 7.2E-02 1.3E-02 1	5.3E-01 3.4E-02 23 110	1.5E+00 7.3E-02 107
11:14-----11:44	6.0E-03 1.2E+00 3.3E-02 1009	2.7E+00 7.4E-02 1.3E-02 1	5.4E-01 3.7E-02 23 101	1.4E+00 6.0E-02 106
11:17-----11:47	7.1E-03 1.2E+00 3.4E-02 1009	2.6E+00 7.3E-02 1.4E-02 1	5.5E-01 3.6E-02 23 95	1.4E+00 5.9E-02 105

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
11:20----11:50	8.1E-03 1.2E+00 3.4E-02 1009	2.6E+00 7.4E-02 1.4E-02 1	5.5E-01 3.8E-02 23 94	1.5E+00 5.4E-02 105
11:23----11:53	9.1E-03 1.2E+00 3.4E-02 1009	2.6E+00 7.4E-02 1.4E-02 1	5.4E-01 3.7E-02 23 89	1.5E+00 5.5E-02 104
11:26----11:56	1.0E-02 1.2E+00 3.5E-02 1009	2.6E+00 7.3E-02 1.4E-02 1	7.1E-01 3.5E-02 23 86	1.5E+00 5.6E-02 103
11:29----11:59	1.2E-02 1.2E+00 3.6E-02 1009	2.4E+00 6.3E-02 1.4E-02 1	6.9E-01 2.4E-02 23 93	1.4E+00 5.6E-02 103
11:32----12:02	1.2E-02 1.2E+00 3.7E-02 1009	2.3E+00 6.2E-02 1.3E-02 1	6.1E-01 2.3E-02 23 92	1.3E+00 5.6E-02 103
11:35----12:05	1.3E-02 1.2E+00 3.8E-02 1009	2.2E+00 5.5E-02 1.2E-02 1	5.3E-01 2.3E-02 23 95	1.3E+00 4.2E-02 103
11:38----12:08	1.5E-02 1.2E+00 3.8E-02 1009	2.2E+00 5.4E-02 1.2E-02 1	7.7E-01 2.5E-02 23 91	1.2E+00 3.7E-02 103
11:41----12:11	1.6E-02 1.1E+00 3.8E-02 1009	2.1E+00 5.4E-02 1.2E-02 1	8.5E-01 2.8E-02 23 77	1.1E+00 3.1E-02 102
11:44----12:14	1.8E-02 1.2E+00 3.8E-02 1009	2.2E+00 4.9E-02 1.3E-02 1	1.2E+00 2.8E-02 23 66	1.2E+00 2.7E-02 102
11:47----12:17	1.9E-02 1.2E+00 3.8E-02 1009	2.2E+00 4.9E-02 1.4E-02 1	1.2E+00 2.8E-02 24 63	1.2E+00 2.6E-02 102
11:50----12:20	2.1E-02 1.1E+00 3.8E-02 1009	2.2E+00 4.7E-02 1.7E-02 1	1.2E+00 2.4E-02 24 63	1.1E+00 2.8E-02 101

HAWKESBURY #6, CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
11:53----12:23	2.2E-02 1.1E+00 3.7E-02 1009	2.2E+00 5.0E-02 2.0E-02 1	1.3E+00 2.8E-02 24 66	1.2E+00 2.5E-02 100
11:56----12:26	2.3E-02 1.1E+00 3.7E-02 1009	2.2E+00 5.0E-02 2.3E-02 1	1.1E+00 2.5E-02 24 67	1.1E+00 3.0E-02 99
11:59----12:29	2.4E-02 1.1E+00 3.7E-02 1009	2.2E+00 5.2E-02 2.6E-02 1	1.1E+00 2.7E-02 24 74	1.1E+00 3.0E-02 97
12:02----12:32	2.5E-02 1.1E+00 3.8E-02 1009	2.2E+00 5.2E-02 2.8E-02 1	1.1E+00 2.7E-02 25 72	1.1E+00 3.0E-02 95
12:05----12:35	2.6E-02 1.1E+00 3.9E-02 1009	2.1E+00 4.7E-02 3.1E-02 1	1.0E+00 2.6E-02 25 74	1.1E+00 2.7E-02 93
12:08----12:38	2.6E-02 1.1E+00 4.0E-02 1009	2.0E+00 4.5E-02 3.3E-02 1	7.0E-01 2.4E-02 25 74	1.0E+00 2.7E-02 91
12:11----12:41	2.6E-02 1.1E+00 4.0E-02 1009	2.0E+00 4.2E-02 3.5E-02 1	6.1E-01 2.1E-02 26 83	9.5E-01 2.7E-02 89
12:14----12:44	2.5E-02 1.1E+00 4.1E-02 1009	1.9E+00 4.2E-02 3.7E-02 1	3.0E-01 1.9E-02 26 91	1.0E+00 2.9E-02 87
12:17----12:47	2.5E-02 1.1E+00 4.1E-02 1009	1.9E+00 4.3E-02 4.0E-02 1	2.4E-01 2.1E-02 27 97	1.0E+00 2.9E-02 84
12:20----12:50	2.4E-02 1.1E+00 4.1E-02 1009	2.0E+00 4.6E-02 4.2E-02 1	2.6E-01 2.5E-02 27 94	1.1E+00 2.8E-02 82
12:23----12:53	2.4E-02 1.1E+00 4.2E-02 1009	2.0E+00 4.1E-02 4.3E-02 1	2.6E-01 2.2E-02 28 96	1.1E+00 2.6E-02 79

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
12:26-----12:56	2.3E-02 1.1E+00 4.2E-02 1009	2.1E+00 4.5E-02 4.7E-02 2	2.7E-01 2.4E-02 28 96	1.2E+00 2.8E-02 77
12:29-----12:59	2.3E-02 1.1E+00 4.3E-02 1009	2.1E+00 4.4E-02 4.9E-02 2	2.8E-01 2.2E-02 29 98	1.2E+00 2.7E-02 75
12:32-----13:02	2.2E-02 1.1E+00 4.3E-02 1009	2.1E+00 4.5E-02 5.3E-02 2	2.8E-01 2.3E-02 29 94	1.3E+00 2.8E-02 71
12:35-----13:05	2.2E-02 1.1E+00 4.4E-02 1009	2.1E+00 4.5E-02 5.6E-02 2	3.1E-01 2.4E-02 30 91	1.3E+00 2.7E-02 69
12:38-----13:08	2.2E-02 1.1E+00 4.4E-02 1009	2.1E+00 4.6E-02 5.9E-02 2	3.3E-01 2.4E-02 30 92	1.3E+00 2.9E-02 67
12:41-----13:11	2.1E-02 1.2E+00 4.4E-02 1009	2.2E+00 4.8E-02 5.9E-02 2	3.4E-01 2.5E-02 31 89	1.4E+00 2.9E-02 64
12:44-----13:14	2.1E-02 1.1E+00 4.4E-02 1009	2.2E+00 5.3E-02 5.8E-02 2	3.9E-01 3.1E-02 31 82	1.3E+00 2.9E-02 62
12:47-----13:17	2.1E-02 1.1E+00 4.4E-02 1009	2.3E+00 5.3E-02 5.6E-02 2	4.8E-01 2.9E-02 32 80	1.3E+00 3.0E-02 61
12:50-----13:20	2.0E-02 1.2E+00 4.5E-02 1009	2.2E+00 5.1E-02 5.3E-02 2	5.9E-01 2.9E-02 32 81	1.4E+00 2.9E-02 60
12:53-----13:23	2.0E-02 1.2E+00 4.6E-02 1009	2.4E+00 5.4E-02 5.1E-02 2	6.0E-01 3.1E-02 32 79	1.3E+00 2.8E-02 59
12:56-----13:26	2.0E-02 1.1E+00 4.7E-02 1009	2.3E+00 4.8E-02 4.7E-02 2	6.0E-01 3.0E-02 32 82	1.2E+00 2.1E-02 59

HAWKESBURY #6, CONT'D

PAGE 5

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
12:59----13:29	2.1E-02 1.1E+00 4.8E-02 1009	2.3E+00 4.7E-02 4.3E-02 2	6.0E-01 3.0E-02 32 81	1.2E+00 2.1E-02 60
13:02----13:32	2.1E-02 1.1E+00 4.8E-02 1009	2.2E+00 4.5E-02 3.9E-02 2	6.0E-01 2.8E-02 31 92	1.1E+00 2.0E-02 61
13:05----13:35	2.1E-02 1.2E+00 4.9E-02 1009	2.2E+00 4.8E-02 3.5E-02 2	6.2E-01 3.3E-02 31 96	1.1E+00 2.0E-02 63
13:08----13:38	2.1E-02 1.1E+00 5.0E-02 1009	2.2E+00 4.8E-02 3.2E-02 2	6.0E-01 3.4E-02 31 97	1.1E+00 1.7E-02 64
13:11----13:41	2.1E-02 1.1E+00 4.9E-02 1009	2.1E+00 4.8E-02 3.1E-02 2	5.9E-01 3.4E-02 30 98	9.8E-01 1.8E-02 66
13:14----13:44	2.1E-02 1.2E+00 4.9E-02 1009	2.2E+00 4.8E-02 3.2E-02 2	5.5E-01 3.4E-02 30 103	1.0E+00 1.8E-02 68
13:17----13:47	2.1E-02 1.2E+00 5.0E-02 1009	2.2E+00 4.8E-02 3.2E-02 2	4.6E-01 3.4E-02 29 107	9.8E-01 1.8E-02 69
13:20----13:50	2.1E-02 1.2E+00 5.0E-02 1009	2.2E+00 5.2E-02 3.2E-02 2	3.1E-01 3.6E-02 29 107	9.0E-01 2.2E-02 70
13:23----13:53	2.0E-02 1.2E+00 4.9E-02 1009	2.0E+00 5.3E-02 3.4E-02 2	2.9E-01 3.6E-02 29 106	9.0E-01 2.3E-02 71
13:26----13:56	2.0E-02 1.2E+00 4.9E-02 1009	2.0E+00 5.6E-02 3.4E-02 1	3.0E-01 3.9E-02 29 105	9.1E-01 2.4E-02 71
13:29----13:59	2.0E-02 1.2E+00 4.8E-02 1009	2.0E+00 5.9E-02 3.2E-02 1	3.6E-01 4.1E-02 29 99	9.2E-01 2.5E-02 72

HAWKESBURY #6, CONT'D

PAGE 6

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
13:32----14:02	2.0E-02 1.2E+00 4.8E-02 1009	2.0E+00 6.1E-02 3.0E-02 1	3.5E-01 4.2E-02 29 89	9.3E-01 2.5E-02 72
13:35----14:05	2.0E-02 1.2E+00 4.9E-02 1009	2.0E+00 5.6E-02 2.8E-02 1	3.0E-01 3.7E-02 29 79	9.3E-01 2.5E-02 72
13:38----14:08	2.0E-02 1.2E+00 4.9E-02 1009	2.0E+00 5.8E-02 2.7E-02 1	3.0E-01 3.9E-02 29 77	9.4E-01 2.5E-02 72

STATISTICS

NUMBER OF READINGS 200

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	5.57E-04	3.15E-02	1.63E-02	8.56E-03	1.13E-02	3.08E+00
THC	1.60E+00	7.69E+00	2.17E+00	8.16E-01	2.09E+00	1.29E+00
SO2	2.26E-02	4.81E+00	4.86E-01	7.20E-01	2.64E-01	2.99E+00
THC-CH4	6.14E-01	4.63E+00	1.13E+00	6.99E-01	1.01E+00	1.50E+00
CH4	1.01E+00	1.64E+00	1.14E+00	8.46E-02	1.14E+00	1.07E+00
NOX	1.65E-02	2.77E-01	5.01E-02	3.34E-02	4.36E-02	1.64E+00
NO2	1.00E-06	2.36E-01	2.81E-02	2.92E-02	5.64E-03	3.81E+01
NO	5.06E-03	5.11E-01	3.24E-02	5.08E-02	2.06E-02	2.23E+00
OZONE	9.93E-03	5.92E-02	4.25E-02	8.14E-03	4.16E-02	1.25E+00
SOLAR RAD	9.44E-03	7.98E-02	2.76E-02	1.75E-02	2.27E-02	1.88E+00
TEMP	22	33	26	4		
HUMIDITY	30	111	86	19	84	1
BAROMETER	1009	1009	1009	0	1009	1
WIND SPEED	0	5	2	1	1	4

HAWKESBURY #7

DATE: JUL 11 1979
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: SOUTH END OF WEST ST. (X2910-X5010); 0.8KM & 215DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
14:23----14:53	1.3E-02 1.2E+00 5.6E-02 1008	1.9E+00 3.8E-02 1.2E-02 1	5.6E-02 2.0E-02 26 49	7.4E-01 2.0E-02 93
14:26----14:56	1.3E-02 1.2E+00 5.5E-02 1008	2.0E+00 3.9E-02 1.5E-02 0	5.3E-02 2.2E-02 26 66	7.6E-01 2.2E-02 96
14:29----14:59	1.2E-02 1.2E+00 5.4E-02 1008	2.1E+00 4.0E-02 1.8E-02 0	5.1E-02 2.1E-02 26 77	7.8E-01 2.3E-02 99
14:32----15:02	1.2E-02 1.2E+00 5.2E-02 1008	2.3E+00 4.2E-02 2.1E-02 0	4.9E-02 2.2E-02 26 88	1.0E+00 2.4E-02 100
14:35----15:05	1.1E-02 1.2E+00 5.1E-02 1008	2.6E+00 5.3E-02 2.4E-02 0	4.9E-02 2.9E-02 26 85	1.1E+00 2.8E-02 100
14:38----15:08	1.1E-02 1.2E+00 5.2E-02 1008	2.7E+00 5.4E-02 2.7E-02 0	4.8E-02 3.0E-02 26 75	1.1E+00 2.9E-02 99
14:41----15:11	1.1E-02 1.2E+00 5.2E-02 1008	2.8E+00 5.6E-02 3.0E-02 0	4.7E-02 3.1E-02 26 62	1.2E+00 3.0E-02 97
14:44----15:14	1.1E-02 1.2E+00 5.2E-02 1008	2.7E+00 5.9E-02 3.1E-02 0	4.7E-02 3.1E-02 27 69	1.2E+00 3.6E-02 95
14:47----15:17	1.0E-02 1.2E+00 5.2E-02 1008	2.6E+00 5.4E-02 3.3E-02 0	4.5E-02 2.5E-02 27 70	1.2E+00 3.3E-02 92
14:50----15:20	1.0E-02 1.2E+00 5.4E-02 1008	2.5E+00 5.4E-02 3.3E-02 0	4.4E-02 2.4E-02 27 70	1.2E+00 3.7E-02 89

HAWKESBURY #7, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
14:53----15:23	9.7E-03 1.2E+00 5.4E-02 1008	2.7E+00 5.5E-02 3.1E-02 0	4.4E-02 2.4E-02 28 71	1.3E+00 4.1E-02 86
14:56----15:26	9.4E-03 1.2E+00 5.5E-02 1008	2.6E+00 5.2E-02 2.9E-02 0	4.3E-02 2.2E-02 28 71	1.3E+00 4.1E-02 83

STATISTICS

NUMBER OF READINGS 64

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	7.16E-03	1.61E-02	1.11E-02	2.33E-03	1.09E-02	1.23E+00
THC	1.54E+00	6.70E+00	2.27E+00	1.28E+00	2.05E+00	1.51E+00
SO2	3.06E-02	7.13E-02	4.86E-02	1.01E-02	4.76E-02	1.23E+00
THC-CH4	5.72E-01	4.29E+00	9.89E-01	8.99E-01	7.99E-01	1.74E+00
CH4	1.10E+00	1.48E+00	1.18E+00	8.97E-02	1.18E+00	1.07E+00
NOX	2.46E-02	2.20E-01	4.49E-02	3.16E-02	3.93E-02	1.58E+00
NO2	1.00E-06	1.73E-01	2.10E-02	2.59E-02	4.18E-03	3.88E+01
NO	1.16E-02	1.47E-01	3.04E-02	2.87E-02	2.33E-02	1.92E+00
OZONE	3.58E-02	6.22E-02	5.52E-02	6.08E-03	5.48E-02	1.13E+00
SOLAR RAD	7.63E-03	4.35E-02	2.13E-02	1.20E-02	1.78E-02	1.85E+00
TEMP	25	30	27	2		
HUMIDITY	69	110	89	13	88	1
BAROMETER	1008	1008	1008	0	1008	1
WIND SPEED	0	4	0	1	0	6

HAWKESBURY #8

DATE: JUL 11 1979
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: HOLIDAY HOTEL - MCGILL ST.(X3010-X5035); 0.6KM @ 125DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
15:44----16:14	5.9E-03 1.2E+00 4.8E-02 1008	2.8E+00 4.0E-02 3.3E-02 1	9.5E-02 3.3E-02 31 16	1.8E+00 1.0E-02 69
15:49----16:19	5.6E-03 1.2E+00 4.8E-02 1008	2.7E+00 3.8E-02 3.4E-02 1	9.2E-02 3.2E-02 32 359	1.6E+00 1.0E-02 65
15:54----16:24	5.4E-03 1.2E+00 4.8E-02 1008	2.6E+00 3.7E-02 3.4E-02 1	8.9E-02 3.0E-02 32 347	1.6E+00 9.7E-03 63
15:59----16:29	5.3E-03 1.2E+00 4.7E-02 1008	2.4E+00 3.6E-02 3.1E-02 2	9.3E-02 2.9E-02 32 346	1.3E+00 9.9E-03 61
16:04----16:34	5.4E-03 1.2E+00 4.7E-02 1008	2.2E+00 3.7E-02 2.8E-02 1	9.0E-02 2.9E-02 32 344	1.1E+00 1.1E-02 60
16:09----16:39	5.3E-03 1.2E+00 4.7E-02 1008	2.0E+00 3.6E-02 2.2E-02 2	8.4E-02 2.9E-02 32 346	9.9E-01 1.0E-02 60
16:14----16:44	5.2E-03 1.2E+00 4.6E-02 1008	2.1E+00 3.7E-02 1.9E-02 2	8.0E-02 2.9E-02 32 340	1.0E+00 1.1E-02 61
16:19----16:49	5.1E-03 1.2E+00 4.4E-02 1008	2.1E+00 4.1E-02 1.8E-02 2	8.4E-02 3.3E-02 31 353	1.0E+00 1.1E-02 61
16:24----16:54	5.0E-03 1.2E+00 4.4E-02 1008	2.2E+00 4.1E-02 1.7E-02 2	8.6E-02 3.3E-02 31 2	1.1E+00 1.1E-02 62
16:29----16:59	4.9E-03 1.2E+00 4.5E-02 1008	2.2E+00 4.2E-02 1.6E-02 1	8.2E-02 3.5E-02 31 5	1.1E+00 1.1E-02 62

HAWKESBURY #8, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HLMIDITY
16:34----17:04	4.6E-03 1.2E+00 4.6E-02 1008	2.2E+00 4.0E-02 1.5E-02 2	7.9E-02 3.3E-02 31 10	1.1E+00 9.9E-03 63
16:39----17:09	4.5E-03 1.2E+00 4.7E-02 1008	2.3E+00 3.8E-02 1.4E-02 2	7.5E-02 3.2E-02 31 17	1.1E+00 9.2E-03 63
16:44----17:14	4.3E-03 1.2E+00 4.8E-02 1008	2.2E+00 3.5E-02 1.5E-02 2	7.2E-02 2.9E-02 31 20	1.1E+00 8.4E-03 63
16:49----17:19	4.1E-03 1.2E+00 5.0E-02 1008	2.2E+00 3.1E-02 1.6E-02 2	6.6E-02 2.7E-02 31 24	1.0E+00 6.9E-03 63
16:54----17:24	3.9E-03 1.2E+00 5.2E-02 1008	2.1E+00 2.8E-02 1.5E-02 2	5.7E-02 2.4E-02 31 26	1.0E+00 6.0E-03 63
16:59----17:29	3.7E-03 1.1E+00 5.3E-02 1008	2.1E+00 2.5E-02 1.5E-02 2	4.9E-02 2.1E-02 31 29	9.7E-01 5.5E-03 63
17:04----17:34	3.7E-03 1.1E+00 5.5E-02 1008	2.0E+00 2.2E-02 1.5E-02 1	5.1E-02 1.9E-02 31 32	9.1E-01 4.9E-03 63
17:09----17:39	3.5E-03 1.1E+00 5.5E-02 1008	1.9E+00 2.3E-02 1.5E-02 1	5.7E-02 2.0E-02 31 33	8.7E-01 4.8E-03 63
17:14----17:44	3.3E-03 1.1E+00 5.6E-02 1008	1.9E+00 2.2E-02 1.6E-02 0	6.0E-02 1.9E-02 31 72	8.5E-01 4.6E-03 62
17:19----17:49	3.2E-03 1.1E+00 5.7E-02 1008	1.9E+00 2.2E-02 1.6E-02 0	6.1E-02 1.8E-02 32 203	8.5E-01 5.9E-03 62
17:24----17:54	3.1E-03 1.1E+00 5.8E-02 1008	1.8E+00 2.1E-02 1.7E-02 1	6.1E-02 1.7E-02 32 203	7.8E-01 5.9E-03 61

HAWKESBURY #8, CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
17:29----17:59	2.9E-03 1.1E+00 5.7E-02 1008	1.8E+00 2.2E-02 1.9E-02 2	6.0E-02 1.6E-02 32 212	7.6E-01 6.4E-03 60
17:34----18:04	2.8E-03 1.1E+00 5.8E-02 1008	1.7E+00 2.1E-02 2.0E-02 2	5.0E-02 1.6E-02 32 212	7.5E-01 6.2E-03 59
17:39----18:09	2.9E-03 1.0E+00 6.1E-02 1008	1.7E+00 1.9E-02 2.1E-02 2	3.8E-02 1.4E-02 32 210	7.3E-01 6.0E-03 58
17:44----18:14	2.9E-03 1.0E+00 6.2E-02 1008	1.7E+00 1.8E-02 2.1E-02 2	2.9E-02 1.3E-02 32 212	7.0E-01 6.1E-03 56
17:49----18:19	2.9E-03 1.0E+00 6.4E-02 1008	1.6E+00 1.7E-02 2.1E-02 3	2.4E-02 1.3E-02 32 215	6.8E-01 4.6E-03 55
17:54----18:24	2.8E-03 1.0E+00 6.4E-02 1008	1.6E+00 1.7E-02 2.0E-02 3	2.1E-02 1.4E-02 32 220	6.8E-01 4.5E-03 55
17:59----18:29	2.7E-03 1.0E+00 6.4E-02 1008	1.6E+00 1.8E-02 1.9E-02 2	1.9E-02 1.5E-02 32 226	6.9E-01 4.0E-03 55
18:04----18:34	2.5E-03 1.0E+00 6.4E-02 1008	1.6E+00 1.9E-02 1.7E-02 2	1.8E-02 1.6E-02 32 227	7.0E-01 4.2E-03 54
18:09----18:39	2.2E-03 1.0E+00 6.5E-02 1008	1.6E+00 1.9E-02 1.6E-02 2	1.7E-02 1.6E-02 32 229	7.1E-01 4.1E-03 54
18:14----18:44	2.0E-03 1.0E+00 6.4E-02 1008	1.7E+00 2.0E-02 1.4E-02 2	1.6E-02 1.8E-02 32 235	7.2E-01 4.2E-03 55
18:19----18:49	1.8E-03 1.0E+00 6.4E-02 1008	1.7E+00 2.0E-02 1.2E-02 2	1.6E-02 1.8E-02 31 238	7.2E-01 4.2E-03 56

HAWKESBURY #8, CONT'D

PFGE 4

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HLMIDITY
18:24----18:54	1.6E-03 1.0E+00 6.5E-02 1008	1.7E+00 1.9E-02 1.1E-02 2	1.5E-02 1.7E-02 31 236	7.2E-01 4.1E-03 56
18:29----18:59	1.5E-03 1.0E+00 6.6E-02 1008	1.6E+00 1.8E-02 1.0E-02 2	1.5E-02 1.5E-02 31 230	7.3E-01 3.9E-03 56
18:34----19:04	1.4E-03 1.0E+00 6.6E-02 1008	1.6E+00 1.8E-02 9.7E-03 2	1.5E-02 1.5E-02 31 233	7.3E-01 3.6E-03 57
18:39----19:09	1.2E-03 1.0E+00 6.5E-02 1008	1.7E+00 1.9E-02 8.5E-03 2	1.5E-02 1.6E-02 31 238	7.4E-01 3.9E-03 58
18:44----19:14	1.0E-03 1.0E+00 6.3E-02 1008	1.7E+00 2.0E-02 7.4E-03 1	1.4E-02 1.8E-02 31 228	7.4E-01 4.2E-03 59
18:49----19:19	8.3E-04 1.0E+00 5.9E-02 1008	1.7E+00 2.3E-02 6.7E-03 1	1.4E-02 2.0E-02 30 221	7.6E-01 4.5E-03 59
18:54----19:24	7.4E-04 1.0E+00 5.6E-02 1008	1.7E+00 2.6E-02 6.1E-03 1	1.4E-02 2.4E-02 30 222	7.9E-01 4.8E-03 60
18:59----19:29	6.8E-04 1.0E+00 5.5E-02 1008	1.7E+00 2.8E-02 5.5E-03 1	1.4E-02 2.5E-02 30 219	7.9E-01 4.8E-03 60
19:04----19:34	6.4E-04 1.0E+00 5.3E-02 1008	1.8E+00 2.9E-02 5.1E-03 1	1.4E-02 2.6E-02 30 216	8.0E-01 4.8E-03 60
19:09----19:39	5.1E-04 1.0E+00 5.1E-02 1008	1.8E+00 3.0E-02 4.6E-03 1	1.3E-02 2.8E-02 30 215	8.5E-01 4.6E-03 61
19:14----19:44	5.0E-04 1.0E+00 5.1E-02 1008	1.8E+00 3.0E-02 4.2E-03 0	1.3E-02 2.8E-02 30 220	8.6E-01 4.4E-03 61

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
19:19----19:49	4.6E-04 1.0E+00 5.1E-02 1008	1.8E+00 3.0E-02 3.8E-03 0	1.3E-02 2.9E-02 30 220	9.1E-01 4.0E-03 61
19:24----19:54	4.6E-04 1.0E+00 5.1E-02 1008	1.9E+00 3.0E-02 3.4E-03 0	1.3E-02 2.8E-02 29 218	9.6E-01 3.9E-03 62
19:29----19:59	4.2E-04 1.0E+00 4.9E-02 1008	2.0E+00 3.2E-02 3.1E-03 0	1.3E-02 3.0E-02 29 235	9.8E-01 4.6E-03 62
19:34----20:04	3.4E-04 9.9E-01 4.6E-02 1008	2.0E+00 3.7E-02 2.8E-03 0	1.4E-02 3.5E-02 29 252	1.0E+00 5.8E-03 63
19:39----20:09	3.1E-04 9.9E-01 4.3E-02 1008	2.1E+00 4.1E-02 2.5E-03 0	1.4E-02 3.8E-02 29 249	1.2E+00 5.9E-03 64
19:44----20:14	2.3E-04 9.9E-01 4.1E-02 1008	2.2E+00 4.2E-02 2.3E-03 0	1.4E-02 4.0E-02 28 249	1.2E+00 5.7E-03 65
19:49----20:19	1.6E-04 1.0E+00 4.1E-02 1008	2.1E+00 4.2E-02 2.1E-03 0	1.4E-02 4.0E-02 28 249	1.2E+00 5.5E-03 65
19:54----20:24	8.3E-05 1.0E+00 3.9E-02 1008	2.1E+00 4.3E-02 1.9E-03 0	1.5E-02 4.1E-02 28 249	1.1E+00 6.1E-03 66
19:59----20:29	6.5E-06 1.0E+00 3.8E-02 1008	2.1E+00 4.5E-02 1.7E-03 0	1.5E-02 4.3E-02 28 240	1.2E+00 5.7E-03 67
20:04----20:34	5.1E-06 1.0E+00 3.8E-02 1008	2.2E+00 4.3E-02 1.5E-03 0	1.5E-02 4.2E-02 28 226	1.3E+00 4.6E-03 67
20:09----20:39	5.1E-06 1.0E+00 3.8E-02 1008	2.4E+00 4.1E-02 1.2E-03 0	1.4E-02 4.1E-02 28 215	1.4E+00 4.4E-03 67

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
20:14----20:44	5.1E-06 1.0E+00 3.4E-02 1008	2.5E+00 4.4E-02 9.1E-04 0	1.4E-02 4.3E-02 28 157	1.5E+00 5.1E-03 68
20:19----20:49	1.0E-06 1.0E+00 3.0E-02 1008	2.6E+00 4.6E-02 6.6E-04 0	1.4E-02 4.4E-02 28 149	1.5E+00 5.6E-03 69
20:24----20:54	1.0E-06 1.0E+00 2.8E-02 1008	2.6E+00 4.6E-02 4.6E-04 0	1.4E-02 4.2E-02 28 146	1.6E+00 7.7E-03 71
20:29----20:59	1.0E-06 1.0E+00 2.6E-02 1008	2.6E+00 4.4E-02 2.9E-04 0	1.3E-02 4.0E-02 27 146	1.5E+00 7.9E-03 73
20:34----21:04	1.0E-06 1.0E+00 2.5E-02 1008	2.5E+00 4.2E-02 1.7E-04 0	1.2E-02 3.8E-02 27 146	1.4E+00 7.8E-03 76
20:39----21:09	1.0E-06 1.0E+00 2.5E-02 1008	2.3E+00 4.1E-02 9.1E-05 1	1.2E-02 3.6E-02 27 145	1.3E+00 7.9E-03 78
20:44----21:14	1.0E-06 1.0E+00 2.6E-02 1008	2.2E+00 3.6E-02 4.6E-05 1	1.1E-02 3.1E-02 27 145	1.2E+00 7.0E-03 79
20:49----21:19	1.0E-06 1.0E+00 2.8E-02 1008	2.2E+00 3.3E-02 2.4E-05 0	1.0E-02 2.9E-02 26 146	1.2E+00 6.5E-03 80
20:54----21:24	1.0E-06 1.0E+00 2.9E-02 1008	2.2E+00 3.0E-02 1.2E-05 0	1.0E-02 2.9E-02 26 147	1.1E+00 3.6E-03 81
20:59----21:29	1.0E-06 1.0E+00 2.9E-02 1008	2.2E+00 2.8E-02 6.7E-06 0	9.8E-03 2.8E-02 26 147	1.2E+00 3.0E-03 82
21:04----21:34	1.0E-06 1.0E+00 2.8E-02 1008	2.2E+00 2.9E-02 5.3E-06 0	9.7E-03 2.8E-02 26 146	1.2E+00 2.9E-03 82

HAWKESBURY #8, CONT'D

PAGE 7

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
21:09----21:39	1.0E-06 1.0E+00 2.8E-02 1008	2.2E+00 2.8E-02 5.0E-06 0	9.5E-03 2.8E-02 26 126	1.2E+00 2.8E-03 83
21:14----21:44	1.0E-06 1.0E+00 2.9E-02 1008	2.2E+00 2.7E-02 5.2E-06 0	9.3E-03 2.7E-02 26 74	1.2E+00 2.7E-03 83
21:19----21:49	1.0E-06 1.1E+00 2.8E-02 1009	2.3E+00 2.8E-02 5.1E-06 0	9.4E-03 2.8E-02 26 60	1.2E+00 3.2E-03 83

STATISTICS

NUMBER OF READINGS 368

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	7.24E-03	2.07E-03	2.11E-03	2.05E-04	3.70E+01
THC	1.51E+00	4.26E+00	2.08E+00	4.84E-01	2.03E+00	1.23E+00
SO2	8.10E-03	1.23E-01	3.52E-02	3.23E-02	2.41E-02	2.31E+00
THC-CH4	5.82E-01	5.15E+00	1.07E+00	4.87E-01	9.98E-01	1.41E+00
CH4	9.80E-01	1.35E+00	1.07E+00	8.28E-02	1.06E+00	1.08E+00
NOX	1.17E-02	8.10E-02	3.10E-02	1.24E-02	2.67E-02	1.49E+00
NO2	1.00E-06	7.98E-02	2.74E-02	1.18E-02	2.44E-02	1.99E+00
NO	1.21E-03	8.82E-02	6.13E-03	5.78E-03	5.02E-03	1.80E+00
OZONE	1.31E-02	7.20E-02	4.68E-02	1.41E-02	4.43E-02	1.42E+00
SOLAR RAD	1.00E-06	4.98E-02	1.09E-02	1.07E-02	2.28E-03	2.12E+01
TEMP	26	34	30	2		
HUMIDITY	52	84	65	9	65	1
BAROMETER	1008	1009	1008	0	1008	1
WIND SPEED	0	7	1	1	0	6

HAWKESBURY #9

DATE: JUL 12 1979
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: CONFEDERATION PARK (X3100-X5115): 1.45KM & 075DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
09:44----10:14	2.9E-03 1.4E+00 3.8E-02 1009	2.0E+00 1.5E-02 4.1E-02 5	2.0E-02 9.7E-03 26 279	8.0E-01 5.9E-03 87
09:49----10:19	2.7E-03 1.4E+00 3.8E-02 1009	2.0E+00 1.6E-02 4.7E-02 5	2.3E-02 1.0E-02 26 280	8.0E-01 6.3E-03 85
09:54----10:24	2.5E-03 1.4E+00 3.9E-02 1009	2.1E+00 1.6E-02 5.1E-02 4	2.5E-02 1.0E-02 27 280	8.0E-01 6.3E-03 83
09:59----10:29	2.4E-03 1.5E+00 4.0E-02 1009	2.1E+00 1.5E-02 5.3E-02 4	2.4E-02 9.2E-03 27 285	8.1E-01 5.9E-03 81
10:04----10:34	2.3E-03 1.5E+00 4.1E-02 1009	2.1E+00 1.5E-02 5.7E-02 4	2.3E-02 9.4E-03 28 286	8.0E-01 6.3E-03 79
10:09----10:39	2.2E-03 1.5E+00 4.2E-02 1009	2.1E+00 1.6E-02 6.0E-02 4	2.2E-02 9.6E-03 28 289	8.0E-01 6.5E-03 77
10:14----10:44	2.1E-03 1.5E+00 4.2E-02 1009	2.1E+00 1.6E-02 6.1E-02 4	1.7E-02 1.0E-02 29 295	8.0E-01 6.6E-03 76
10:19----10:49	2.1E-03 1.5E+00 4.3E-02 1009	2.1E+00 1.6E-02 6.2E-02 5	1.4E-02 1.0E-02 29 303	7.9E-01 6.6E-03 76
10:24----10:54	1.9E-03 1.5E+00 4.3E-02 1009	2.0E+00 1.6E-02 6.3E-02 5	1.2E-02 1.0E-02 29 311	7.7E-01 6.8E-03 77
10:29----10:59	1.7E-03 1.5E+00 4.3E-02 1009	2.0E+00 1.6E-02 6.4E-02 6	1.0E-02 9.7E-03 29 322	7.6E-01 7.0E-03 79

HAWKESBURY #9, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
10:34----11:04	1.7E-03 1.5E+00 4.4E-02 1009	2.0E+00 1.6E-02 6.5E-02 7	8.5E-03 9.7E-03 29 328	7.4E-01 7.0E-03 81
10:39----11:09	1.6E-03 1.5E+00 4.4E-02 1009	2.0E+00 1.6E-02 6.6E-02 7	7.2E-03 9.6E-03 28 335	7.3E-01 7.0E-03 84
10:44----11:14	1.5E-03 1.5E+00 4.6E-02 1008	2.0E+00 1.5E-02 6.7E-02 8	5.4E-03 9.1E-03 28 339	7.2E-01 6.8E-03 87

STATISTICS

NUMBER OF READINGS 92

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.04E-03	3.88E-03	2.15E-03	7.25E-04	2.03E-03	1.41E+00
THC	1.96E+00	2.12E+00	2.03E+00	4.30E-02	2.03E+00	1.02E+00
SO2	3.34E-03	5.37E-02	1.40E-02	1.08E-02	1.06E-02	2.12E+00
THC-CH4	6.88E-01	8.31E-01	7.71E-01	4.08E-02	7.70E-01	1.06E+00
CH4	1.38E+00	1.54E+00	1.46E+00	3.35E-02	1.46E+00	1.02E+00
NOX	1.07E-02	2.85E-02	1.56E-02	3.09E-03	1.53E-02	1.19E+00
NO2	5.87E-03	2.06E-02	9.67E-03	2.35E-03	9.44E-03	1.23E+00
NO	3.06E-03	1.24E-02	6.42E-03	1.41E-03	6.27E-03	1.25E+00
OZONE	3.12E-02	5.14E-02	4.22E-02	4.38E-03	4.20E-02	1.11E+00
SOLAR RAD	2.58E-02	6.95E-02	5.67E-02	1.27E-02	5.49E-02	1.31E+00
TEMP	24	30	27	2		
HUMIDITY	72	95	84	7	83	1
BAROMETER	1008	1009	1009	0	1009	1
WIND SPEED	1	10	6	2	5	2

HAWKESBURY #10

DATE: JUL 12 1979

SCAN TIME: 60 SEC

AVERAGING TIME: 30 MIN

LOCATION:

N END OF JAMES ST- BEHIND ASSALEY(X3030-X5060); 0.6KM @ 090DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
11:33----12:03	1.8E-03 1.6E+00 6.1E-02 1008	2.1E+00 1.7E-02 7.4E-02 6	9.0E-03 8.3E-03 33 269	8.6E-01 1.3E-02 58
11:38----12:08	1.5E-03 1.7E+00 6.1E-02 1008	2.2E+00 1.8E-02 7.4E-02 6	6.4E-03 8.0E-03 33 272	8.6E-01 1.3E-02 56
11:43----12:13	1.3E-03 1.8E+00 6.1E-02 1008	2.3E+00 1.9E-02 7.5E-02 6	5.5E-03 8.5E-03 34 269	9.2E-01 1.4E-02 54
11:48----12:18	1.2E-03 1.8E+00 6.1E-02 1008	2.3E+00 1.9E-02 7.5E-02 6	5.7E-03 8.0E-03 34 272	8.8E-01 1.5E-02 53
11:53----12:23	9.7E-04 1.9E+00 6.2E-02 1008	2.2E+00 1.9E-02 7.5E-02 7	5.7E-03 8.1E-03 34 273	6.7E-01 1.1E-02 51
11:58----12:28	8.5E-04 1.9E+00 6.2E-02 1008	2.1E+00 1.8E-02 7.5E-02 7	6.2E-03 7.7E-03 34 275	6.4E-01 1.1E-02 51
12:03----12:33	8.6E-04 1.9E+00 6.3E-02 1008	2.2E+00 1.8E-02 7.6E-02 7	6.5E-03 7.8E-03 34 274	6.2E-01 1.1E-02 50
12:08----12:38	7.7E-04 2.0E+00 6.3E-02 1008	2.1E+00 1.8E-02 7.6E-02 7	8.3E-03 7.9E-03 35 276	5.8E-01 1.1E-02 50
12:13----12:43	6.8E-04 2.0E+00 6.4E-02 1008	2.1E+00 1.8E-02 7.6E-02 8	1.6E-02 8.3E-03 35 282	4.7E-01 1.1E-02 50
12:18----12:48	8.1E-04 2.0E+00 6.4E-02 1008	2.1E+00 1.9E-02 7.4E-02 7	2.4E-02 8.7E-03 35 286	4.8E-01 1.1E-02 50

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
12:23----12:53	1.1E-03 2.1E+00 6.4E-02 1008	2.1E+00 2.0E-02 7.5E-02 7	3.6E-02 9.2E-03 35 288	4.8E-01 1.2E-02 50
12:28----12:58	1.5E-03 2.1E+00 6.4E-02 1008	2.1E+00 2.1E-02 7.5E-02 8	3.8E-02 9.4E-03 35 286	4.7E-01 1.2E-02 49
12:33----13:03	1.6E-03 2.1E+00 6.4E-02 1008	2.1E+00 2.2E-02 7.5E-02 8	3.9E-02 9.9E-03 36 284	4.7E-01 1.3E-02 48
12:38----13:08	1.7E-03 2.1E+00 6.4E-02 1008	2.1E+00 2.2E-02 7.5E-02 7	3.8E-02 1.0E-02 36 280	4.6E-01 1.3E-02 46
12:43----13:13	1.8E-03 2.0E+00 6.5E-02 1008	2.0E+00 2.1E-02 7.5E-02 8	3.0E-02 8.7E-03 36 276	4.3E-01 1.3E-02 45
12:48----13:18	1.4E-03 2.0E+00 6.5E-02 1008	2.0E+00 2.1E-02 7.7E-02 9	2.1E-02 8.5E-03 36 272	4.0E-01 1.3E-02 43
12:53----13:23	2.1E-03 2.0E+00 6.5E-02 1008	2.0E+00 2.0E-02 7.7E-02 10	1.0E-02 8.0E-03 36 273	3.9E-01 1.3E-02 42
12:58----13:28	2.7E-03 2.0E+00 6.6E-02 1008	2.0E+00 2.0E-02 7.7E-02 9	7.6E-03 8.3E-03 36 273	3.9E-01 1.3E-02 43
13:03----13:33	3.6E-03 2.0E+00 6.6E-02 1007	2.0E+00 1.9E-02 7.2E-02 9	7.1E-03 7.6E-03 36 272	3.8E-01 1.3E-02 44
13:08----13:38	4.7E-03 2.1E+00 6.7E-02 1007	2.0E+00 1.9E-02 7.2E-02 10	6.8E-03 7.2E-03 35 274	3.8E-01 1.2E-02 44
13:13----13:43	5.7E-03 2.1E+00 6.7E-02 1007	2.0E+00 1.9E-02 7.1E-02 10	7.2E-03 7.0E-03 35 275	3.8E-01 1.3E-02 45

HAWKESBURY #10, CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
13:18----13:48	6.9E-03 2.1E+00 6.7E-02 1007	2.0E+00 1.9E-02 7.2E-02 10	1.3E-02 6.6E-03 35 277	3.8E-01 1.3E-02 46
13:23----13:53	6.9E-03 2.1E+00 6.7E-02 1007	2.0E+00 1.9E-02 6.9E-02 9	1.5E-02 7.0E-03 35 274	3.8E-01 1.3E-02 47
13:28----13:58	7.0E-03 2.1E+00 6.7E-02 1007	2.0E+00 2.0E-02 6.9E-02 9	1.5E-02 7.0E-03 35 276	3.8E-01 1.3E-02 47
13:33----14:03	7.1E-03 2.1E+00 6.7E-02 1007	2.0E+00 2.0E-02 7.4E-02 10	1.6E-02 7.2E-03 35 279	3.7E-01 1.5E-02 47
13:38----14:08	7.1E-03 2.1E+00 6.8E-02 1007	2.0E+00 2.3E-02 7.4E-02 11	1.6E-02 7.6E-03 35 280	3.7E-01 1.6E-02 47
13:43----14:13	7.0E-03 2.1E+00 6.8E-02 1007	2.0E+00 2.3E-02 7.3E-02 10	1.6E-02 7.8E-03 35 279	3.6E-01 1.6E-02 46
13:48----14:18	6.9E-03 2.1E+00 6.9E-02 1007	2.0E+00 2.4E-02 6.8E-02 10	1.0E-02 8.1E-03 35 275	3.6E-01 1.7E-02 46
13:53----14:23	6.8E-03 2.1E+00 6.9E-02 1007	2.0E+00 2.6E-02 6.7E-02 10	1.0E-02 9.0E-03 35 275	3.9E-01 1.8E-02 46
13:58----14:28	6.7E-03 2.1E+00 6.9E-02 1007	2.0E+00 2.6E-02 6.4E-02 10	1.0E-02 9.0E-03 35 272	3.9E-01 1.8E-02 45
14:03----14:33	6.3E-03 2.2E+00 6.9E-02 1007	2.1E+00 3.0E-02 5.8E-02 9	9.2E-03 1.1E-02 35 269	4.2E-01 1.8E-02 45
14:08----14:38	6.4E-03 2.2E+00 7.0E-02 1007	2.1E+00 2.8E-02 5.5E-02 8	1.0E-02 1.1E-02 35 270	4.1E-01 1.7E-02 45

HAWKESBURY #10, CONT'D

PAGE 4

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
14:13----14:43	6.4E-03 2.2E+00 7.1E-02 1007	2.1E+00 2.8E-02 5.5E-02 8	1.2E-02 1.1E-02 35 270	4.1E-01 1.8E-02 44
14:18----14:48	6.4E-03 2.2E+00 7.2E-02 1007	2.1E+00 2.8E-02 6.0E-02 9	1.2E-02 1.1E-02 35 273	4.1E-01 1.7E-02 43
14:23----14:53	6.4E-03 2.2E+00 7.5E-02 1007	2.1E+00 2.7E-02 6.2E-02 9	1.0E-02 1.0E-02 35 273	3.6E-01 1.7E-02 42
14:28----14:58	6.4E-03 2.2E+00 7.7E-02 1007	2.1E+00 2.7E-02 6.4E-02 9	1.0E-02 1.1E-02 36 272	3.7E-01 1.7E-02 42
14:33----15:03	6.5E-03 2.2E+00 8.2E-02 1007	2.1E+00 2.4E-02 6.7E-02 10	1.0E-02 8.6E-03 36 272	3.4E-01 1.7E-02 41
14:38----15:08	6.3E-03 2.2E+00 8.6E-02 1006	2.1E+00 2.5E-02 6.7E-02 10	9.0E-03 8.2E-03 36 270	3.4E-01 2.1E-02 41

STATISTICS

NUMBER OF READINGS 218

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	8.11E-03	4.06E-03	2.81E-03	1.92E-03	7.52E+00
THC	1.86E+00	4.25E+00	2.07E+00	2.61E-01	2.06E+00	1.10E+00
SO2	3.50E-03	1.00E-01	1.36E-02	1.55E-02	9.78E-03	2.02E+00
THC-CH4	2.73E-01	4.62E+00	4.89E-01	3.53E-01	4.44E-01	1.45E+00
CH4	1.49E+00	2.42E+00	2.03E+00	1.96E-01	2.02E+00	1.11E+00
NOX	1.19E-02	7.30E-02	2.19E-02	8.11E-03	2.09E-02	1.32E+00
NO2	1.00E-06	5.10E-02	8.63E-03	4.60E-03	7.13E-03	3.05E+00
NO	4.85E-03	1.43E-01	1.48E-02	1.11E-02	1.33E-02	1.48E+00
OZONE	5.45E-02	1.08E-01	6.87E-02	9.77E-03	6.82E-02	1.13E+00
SOLAR RAD	2.47E-02	8.23E-02	7.00E-02	1.30E-02	6.83E-02	1.27E+00
TEMP	30	37	35	1		
HUMIDITY	39	70	47	6	47	1
BAROMETER	1006	1008	1007	1	1007	1
WIND SPEED	1	20	9	3	8	2

HAWKESBURY #11

DATE: JUL 12 1979
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: CONFEDERATION PARK (X3100-X5115); 1.45KM & 075DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
15:23----15:53	6.9E-03 2.2E+00 1.0E-01 1006	2.0E+00 2.3E-02 5.0E-02 16	1.6E-02 8.9E-03 33 276	3.0E-01 1.5E-02 47
15:28----15:58	6.8E-03 2.2E+00 9.9E-02 1006	2.0E+00 2.3E-02 4.6E-02 16	1.6E-02 8.6E-03 33 276	3.0E-01 1.5E-02 47
15:33----16:03	6.8E-03 2.2E+00 9.5E-02 1006	2.0E+00 2.2E-02 4.3E-02 15	1.7E-02 8.1E-03 33 276	2.9E-01 1.5E-02 47
15:38----16:08	6.8E-03 2.2E+00 9.1E-02 1006	2.0E+00 2.2E-02 4.1E-02 16	2.3E-02 7.7E-03 33 275	2.9E-01 1.5E-02 48
15:43----16:13	6.8E-03 2.2E+00 8.7E-02 1006	2.0E+00 2.1E-02 4.3E-02 16	2.3E-02 7.2E-03 32 275	2.9E-01 1.5E-02 48
15:48----16:18	6.7E-03 2.2E+00 8.5E-02 1006	2.0E+00 2.1E-02 4.4E-02 15	2.4E-02 7.2E-03 33 275	2.9E-01 1.5E-02 48
15:53----16:23	6.7E-03 2.2E+00 8.3E-02 1006	2.0E+00 2.2E-02 4.3E-02 15	2.7E-02 8.1E-03 33 274	3.0E-01 1.5E-02 48
15:58----16:28	6.8E-03 2.2E+00 8.2E-02 1006	2.0E+00 2.2E-02 4.6E-02 15	3.2E-02 8.4E-03 32 274	3.0E-01 1.5E-02 49
16:03----16:33	6.9E-03 2.1E+00 8.0E-02 1006	1.9E+00 2.2E-02 4.9E-02 15	3.2E-02 8.4E-03 32 274	3.0E-01 1.5E-02 49
16:08----16:38	6.9E-03 2.1E+00 7.9E-02 1006	1.9E+00 2.2E-02 5.2E-02 15	2.4E-02 7.9E-03 32 276	2.9E-01 1.5E-02 49

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
16:13-----16:43	7.0E-03 2.1E+00 7.8E-02 1006	1.9E+00 2.1E-02 4.9E-02 15	2.6E-02 7.7E-03 32 277	2.9E-01 1.5E-02 49
16:18-----16:48	7.1E-03 2.1E+00 7.7E-02 1006	1.9E+00 2.1E-02 4.6E-02 16	3.0E-02 7.7E-03 32 278	2.9E-01 1.5E-02 49
16:23-----16:53	7.2E-03 2.1E+00 7.6E-02 1006	1.9E+00 2.1E-02 4.2E-02 16	4.1E-02 7.6E-03 32 277	2.8E-01 1.5E-02 50
16:28-----16:58	7.2E-03 2.1E+00 7.4E-02 1006	1.9E+00 2.2E-02 3.7E-02 16	6.2E-02 7.9E-03 31 277	2.9E-01 1.5E-02 50
16:33-----17:03	7.3E-03 2.1E+00 7.2E-02 1006	1.9E+00 2.2E-02 3.2E-02 15	6.7E-02 7.8E-03 31 278	2.9E-01 1.5E-02 50
16:38-----17:08	7.4E-03 2.1E+00 7.1E-02 1006	1.9E+00 2.2E-02 2.8E-02 13	6.7E-02 7.5E-03 31 279	2.9E-01 1.5E-02 50
16:43-----17:13	7.4E-03 2.2E+00 7.0E-02 1006	2.0E+00 2.2E-02 2.7E-02 11	6.3E-02 7.4E-03 32 279	3.0E-01 1.5E-02 51
16:48-----17:18	7.3E-03 2.2E+00 6.8E-02 1006	2.0E+00 2.2E-02 2.7E-02 10	5.9E-02 7.3E-03 32 279	3.0E-01 1.5E-02 50
16:53-----17:23	6.7E-03 2.0E+00 6.1E-02 905	1.8E+00 1.9E-02 2.5E-02 7	4.5E-02 5.9E-03 29 282	2.7E-01 1.4E-02 44
16:58-----17:28	5.5E-03 1.6E+00 5.0E-02 737	1.4E+00 1.4E-02 2.1E-02 5	1.7E-02 3.9E-03 24 283	2.2E-01 1.1E-02 36
17:03-----17:33	4.2E-03 1.2E+00 3.8E-02 570	1.1E+00 1.1E-02 1.6E-02 3	9.3E-03 3.0E-03 19 283	1.7E-01 8.5E-03 27

HAWKESBURY #11, CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
17:08----17:38	4.1E-03 1.2E+00 3.7E-02 570	1.1E+00 1.1E-02 1.4E-02 3	9.0E-03 3.1E-03 19 282	1.8E-01 8.3E-03 29
17:13----17:43	4.1E-03 1.2E+00 3.6E-02 570	1.1E+00 1.1E-02 1.1E-02 3	9.0E-03 3.0E-03 18 284	2.0E-01 8.2E-03 30
17:18----17:48	4.2E-03 1.2E+00 3.5E-02 570	1.2E+00 1.1E-02 8.3E-03 3	8.4E-03 3.1E-03 18 285	2.1E-01 8.1E-03 32
17:23----17:53	4.9E-03 1.5E+00 4.0E-02 670	1.4E+00 1.4E-02 8.6E-03 4	1.6E-02 4.7E-03 21 284	2.5E-01 9.6E-03 39
17:28----17:58	6.1E-03 1.8E+00 5.0E-02 838	1.7E+00 1.7E-02 1.0E-02 6	2.0E-02 6.0E-03 26 285	3.1E-01 1.2E-02 50
17:33----18:03	7.4E-03 2.2E+00 6.0E-02 1005	2.0E+00 2.1E-02 1.2E-02 7	2.2E-02 7.0E-03 31 285	3.6E-01 1.4E-02 60
17:38----18:08	7.4E-03 2.1E+00 5.9E-02 1005	2.0E+00 2.1E-02 1.0E-02 7	2.1E-02 7.2E-03 30 282	3.7E-01 1.4E-02 62
17:43----18:13	7.5E-03 2.1E+00 5.8E-02 1005	2.0E+00 2.1E-02 9.3E-03 8	2.4E-02 7.9E-03 30 278	3.8E-01 1.4E-02 64
17:48----18:18	7.5E-03 2.1E+00 5.7E-02 1005	2.0E+00 2.2E-02 8.4E-03 8	3.1E-02 8.6E-03 30 273	3.8E-01 1.4E-02 66
17:53----18:23	7.5E-03 2.1E+00 5.8E-02 1005	2.0E+00 2.2E-02 7.6E-03 8	2.4E-02 8.2E-03 29 269	3.8E-01 1.4E-02 67
17:58----18:28	7.5E-03 2.1E+00 5.8E-02 1005	2.0E+00 2.2E-02 6.9E-03 8	2.4E-02 8.4E-03 29 265	4.0E-01 1.4E-02 68

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
18:03-----18:33	7.5E-03 2.1E+00 5.7E-02 1005	2.1E+00 2.2E-02 6.2E-03 8	3.3E-02 9.1E-03 29 262	4.4E-01 1.4E-02 69
18:03-----18:38	7.6E-03 2.2E+00 5.5E-02 1005	2.2E+00 2.3E-02 5.5E-03 7	5.5E-02 1.0E-02 29 261	4.6E-01 1.4E-02 70
18:13-----18:43	7.8E-03 2.1E+00 5.4E-02 1005	2.2E+00 2.4E-02 4.9E-03 6	9.7E-02 1.1E-02 29 263	4.8E-01 1.4E-02 71
18:18-----18:48	8.0E-03 2.2E+00 5.3E-02 1005	2.3E+00 2.4E-02 4.5E-03 5	1.1E-01 1.1E-02 28 271	5.1E-01 1.4E-02 73
18:23-----18:53	8.3E-03 2.2E+00 5.1E-02 1005	2.3E+00 2.5E-02 4.4E-03 4	1.1E-01 1.1E-02 28 284	5.2E-01 1.5E-02 75
18:28-----18:58	8.6E-03 2.2E+00 5.0E-02 1005	2.3E+00 2.5E-02 4.7E-03 3	1.1E-01 1.1E-02 28 298	5.1E-01 1.5E-02 77
18:33-----19:03	8.7E-03 2.2E+00 4.9E-02 1005	2.2E+00 2.5E-02 5.8E-03 3	1.1E-01 1.2E-02 28 322	5.0E-01 1.5E-02 78
18:38-----19:08	8.7E-03 2.2E+00 4.9E-02 1005	2.3E+00 2.5E-02 6.8E-03 3	8.6E-02 1.1E-02 28 331	4.9E-01 1.5E-02 79
18:43-----19:13	8.5E-03 2.2E+00 5.0E-02 1005	2.2E+00 2.4E-02 7.4E-03 2	4.1E-02 1.0E-02 28 339	4.8E-01 1.5E-02 79
18:48-----19:18	8.3E-03 2.2E+00 5.1E-02 1005	2.2E+00 2.3E-02 7.9E-03 2	2.3E-02 9.3E-03 28 336	4.5E-01 1.5E-02 78
18:53-----19:23	8.0E-03 2.2E+00 5.2E-02 1006	2.2E+00 2.3E-02 8.0E-03 1	1.7E-02 9.6E-03 28 335	4.5E-01 1.5E-02 77

HAWKESBURY #11, CONT'D

PAGE 5

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
18:58----19:28	7.5E-03 2.2E+00 5.0E-02 1006	2.2E+00 2.3E-02 7.7E-03 1	1.2E-02 8.9E-03 28 332	4.5E-01 1.5E-02 77
19:03----19:33	7.3E-03 2.2E+00 5.0E-02 1006	2.2E+00 2.3E-02 6.6E-03 1	9.1E-03 8.5E-03 28 314	4.6E-01 1.6E-02 78
19:08----19:38	7.3E-03 2.2E+00 4.9E-02 1006	2.1E+00 2.4E-02 5.7E-03 0	8.1E-03 8.6E-03 28 312	4.4E-01 1.6E-02 79
19:13----19:43	7.2E-03 2.2E+00 4.8E-02 1006	2.1E+00 2.5E-02 5.1E-03 1	7.6E-03 8.9E-03 28 335	4.4E-01 1.7E-02 82
19:18----19:48	7.2E-03 2.2E+00 4.7E-02 1006	2.2E+00 2.5E-02 4.6E-03 1	7.2E-03 9.4E-03 27 342	4.5E-01 1.7E-02 84
19:23----19:53	7.1E-03 2.2E+00 4.7E-02 1006	2.2E+00 2.5E-02 4.3E-03 2	6.8E-03 9.6E-03 27 344	4.5E-01 1.6E-02 86
19:28----19:58	7.3E-03 2.2E+00 4.9E-02 1006	2.2E+00 2.5E-02 4.0E-03 3	6.4E-03 9.8E-03 27 341	4.4E-01 1.6E-02 86
19:33----20:03	7.2E-03 2.2E+00 4.9E-02 1006	2.2E+00 2.5E-02 3.6E-03 4	6.0E-03 1.0E-02 27 338	4.3E-01 1.6E-02 87
19:38----20:08	7.1E-03 2.2E+00 5.0E-02 1006	2.2E+00 2.5E-02 3.3E-03 5	5.6E-03 1.1E-02 27 339	4.3E-01 1.5E-02 86
19:43----20:13	7.1E-03 2.2E+00 5.0E-02 1006	2.1E+00 2.3E-02 3.0E-03 7	5.1E-03 1.0E-02 27 340	4.2E-01 1.4E-02 85
19:48----20:18	7.1E-03 2.1E+00 4.9E-02 1006	2.1E+00 2.2E-02 2.7E-03 8	4.7E-03 9.1E-03 27 343	4.0E-01 1.4E-02 83

HAWKESBURY #11, CONT'D

PAGE 6

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
19:53----20:23	7.0E-03 2.1E+00 4.9E-02 1006	2.0E+00 2.1E-02 2.3E-03 8	4.2E-03 8.4E-03 27 345	3.9E-01 1.4E-02 83
19:58----20:28	6.9E-03 2.1E+00 4.8E-02 1006	2.0E+00 2.1E-02 2.0E-03 8	3.7E-03 7.8E-03 27 347	3.8E-01 1.4E-02 83
20:03----20:33	6.9E-03 2.0E+00 4.7E-02 1006	2.0E+00 1.9E-02 1.7E-03 7	3.3E-03 6.3E-03 26 348	3.6E-01 1.4E-02 83
20:08----20:38	6.9E-03 2.0E+00 4.6E-02 1006	1.9E+00 1.8E-02 1.3E-03 7	2.8E-03 4.9E-03 26 347	3.5E-01 1.4E-02 82
20:13----20:43	6.8E-03 2.0E+00 4.5E-02 1006	1.9E+00 1.8E-02 9.6E-04 5	2.4E-03 4.7E-03 26 348	3.5E-01 1.4E-02 81
20:18----20:48	6.7E-03 2.0E+00 4.5E-02 1006	1.9E+00 1.8E-02 6.0E-04 4	2.0E-03 4.8E-03 26 342	3.5E-01 1.4E-02 79
20:23----20:53	6.8E-03 2.0E+00 4.4E-02 1006	1.9E+00 1.7E-02 3.3E-04 4	1.8E-03 4.4E-03 26 339	3.4E-01 1.4E-02 76

STATISTICS

NUMBER OF READINGS 331

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	9.79E-03	6.99E-03	1.58E-03	5.11E-03	5.65E+00
THC	1.00E-06	2.65E+00	1.96E+00	4.23E-01	1.15E+00	1.69E+01
SO2	1.00E-06	2.90E-01	2.82E-02	4.64E-02	9.58E-03	9.00E+00
THC-CH4	1.00E-06	6.81E-01	3.57E-01	1.09E-01	2.20E-01	1.22E+01
CH4	1.00E-06	2.49E+00	2.06E+00	4.27E-01	1.21E+00	1.71E+01
NOX	1.00E-06	4.44E-02	2.11E-02	5.68E-03	1.46E-02	7.02E+00
NO2	1.00E-06	3.39E-02	7.84E-03	4.12E-03	5.11E-03	6.35E+00
NO	1.00E-06	2.75E-02	1.42E-02	3.31E-03	1.00E-02	6.48E+00
OZONE	1.00E-06	1.23E-01	6.04E-02	2.20E-02	3.93E-02	8.66E+00
SOLAR RAD	1.00E-06	6.92E-02	1.77E-02	1.92E-02	5.47E-03	1.16E+01
TEMP	0	34	28	6		
HUMIDITY	0	90	63	19	32	33
BAROMETER	0	1006	966	196	445	56
WIND SPEED	0	22	8	6	3	27

HAWKESBURY #12

DATE: JUL 12 1979
 SCAN TIME: 300 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: HOLIDAY HOTEL - MCGILL ST.(X3010-X5035); 0.6KM & 125DGS/SRC

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
21:45-----22:15	6.2E-03 1.5E-02 60	1.6E-02 2.0E-02 1006	4.3E-02 2.5E-05 1	3.0E-02 29 211
21:55-----22:25	6.0E-03 1.7E-02 58	2.2E-02 1.8E-02 1006	4.3E-02 1.3E-05 2	2.9E-02 30 214
22:05-----22:35	6.0E-03 1.9E-02 57	2.6E-02 1.5E-02 1006	4.8E-02 3.4E-06 1	3.2E-02 30 232
22:15-----22:45	6.2E-03 1.8E-02 57	2.3E-02 1.6E-02 1006	4.5E-02 1.6E-06 1	3.0E-02 30 242
22:25-----22:55	6.4E-03 1.8E-02 56	1.6E-02 1.8E-02 1006	4.3E-02 1.4E-06 1	2.8E-02 30 307
22:35-----23:05	6.9E-03 1.5E-02 56	5.2E-02 1.9E-02 1006	3.9E-02 1.4E-06 1	2.6E-02 30 306
22:45-----23:15	7.1E-03 1.5E-02 56	6.6E-02 1.8E-02 1006	3.9E-02 1.3E-06 1	2.6E-02 29 282
22:55-----23:25	7.2E-03 1.0E-02 57	7.0E-02 2.2E-02 1006	3.1E-02 1.0E-06 2	2.2E-02 29 290
23:05-----23:35	7.0E-03 1.0E-02 61	4.0E-02 2.3E-02 1006	2.8E-02 1.0E-06 2	2.0E-02 28 285
23:15-----23:45	6.7E-03 1.1E-02 71	3.1E-02 2.2E-02 1006	3.1E-02 1.0E-06 1	2.2E-02 27 310
23:25-----23:55	6.5E-03 1.1E-02 83	3.0E-02 2.1E-02 1006	3.3E-02 1.0E-06 0	2.4E-02 25 252
23:35-----00:05	6.2E-03 9.7E-03 94	1.9E-02 2.2E-02 1006	3.0E-02 1.0E-06 1	2.1E-02 24 211

HAWKESBURY #12, CONT'D

PAGE 2

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
23:45----00:15	6.0E-03 7.8E-03 100	1.2E-02 2.1E-02 1006	2.7E-02 1.2E-06 1	2.1E-02 23 220
23:55----00:25	6.0E-03 9.4E-03 103	6.3E-03 1.9E-02 1006	3.0E-02 1.6E-06 1	2.2E-02 23 223
00:05----00:35	5.6E-03 1.1E-02 105	4.3E-03 1.4E-02 1006	3.5E-02 1.7E-06 1	2.6E-02 23 230
00:15----00:45	5.6E-03 1.1E-02 105	3.2E-03 1.4E-02 1006	3.4E-02 1.8E-06 0	2.5E-02 23 240
00:25----00:55	5.7E-03 1.0E-02 106	1.1E-02 1.1E-02 1006	3.3E-02 2.3E-06 0	2.5E-02 23 324
00:35----01:05	5.2E-03 8.0E-03 88	2.6E-02 8.5E-03 838	2.6E-02 2.3E-06 0	1.9E-02 19 345
00:45----01:15	3.3E-03 5.0E-03 53	2.5E-02 4.3E-03 503	1.6E-02 2.0E-06 0	1.2E-02 11 19
00:55----01:25	1.2E-03 1.6E-03 18	1.5E-02 1.3E-03 168	4.9E-03 1.1E-06 0	3.5E-03 4 344
01:05----01:35	1.0E-06 1.2E-06 0	1.2E-06 1.2E-06 0	1.2E-06 1.0E-06 0	1.2E-06 0 293
01:15----01:45	1.0E-06 1.2E-06 0	1.2E-06 1.2E-06 0	1.2E-06 1.0E-06 0	1.2E-06 0 293
01:25----01:55	1.0E-06 1.2E-06 0	1.2E-06 1.2E-06 0	1.2E-06 1.0E-06 0	1.2E-06 0 293
01:35----02:05	1.0E-06 1.2E-06 0	1.2E-06 1.2E-06 0	1.2E-06 1.0E-06 0	1.2E-06 0 293
01:45----02:15	2.0E-03 2.0E-03 38	2.1E-03 4.4E-03 335	6.2E-03 1.3E-06 0	4.5E-03 7 273
01:55----02:25	4.0E-03 3.5E-03 75	3.6E-03 8.8E-03 671	1.2E-02 1.9E-06 1	8.4E-03 14 249

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
02:05----02:35	6.0E-03 5.0E-03 113	4.9E-03 1.3E-02 1006	1.7E-02 2.6E-06 1	1.2E-02 21 251
02:15----02:45	6.0E-03 4.9E-03 113	3.7E-03 1.2E-02 1006	1.6E-02 3.4E-06 1	1.2E-02 21 248
02:25----02:55	5.9E-03 5.2E-03 113	2.9E-03 1.1E-02 1006	1.7E-02 4.1E-06 0	1.3E-02 21 253
02:35----03:05	5.8E-03 5.3E-03 114	2.0E-03 1.0E-02 1006	1.8E-02 4.5E-06 0	1.4E-02 20 246
02:45----03:15	5.6E-03 6.6E-03 115	1.5E-03 9.0E-03 1006	2.0E-02 4.5E-06 0	1.5E-02 20 243
02:55----03:25	5.6E-03 8.0E-03 116	1.1E-03 9.0E-03 1006	2.1E-02 4.1E-06 0	1.4E-02 20 255
03:05----03:35	5.5E-03 8.9E-03 116	9.2E-04 8.5E-03 1006	2.2E-02 3.7E-06 0	1.4E-02 20 262
03:15----03:45	5.6E-03 7.3E-03 116	6.5E-04 9.6E-03 1006	1.9E-02 3.2E-06 0	1.3E-02 20 258
03:25----03:55	5.6E-03 5.2E-03 117	3.8E-04 1.1E-02 1006	1.6E-02 3.6E-06 0	1.2E-02 20 253
03:35----04:05	5.6E-03 4.2E-03 118	2.5E-04 9.6E-03 1006	1.6E-02 4.0E-06 0	1.2E-02 20 246
03:45----04:15	5.6E-03 3.9E-03 118	2.7E-03 9.6E-03 1005	1.5E-02 3.8E-06 0	1.1E-02 19 247
03:55----04:25	5.6E-03 4.0E-03 119	3.8E-03 9.6E-03 1005	1.4E-02 4.1E-06 0	1.0E-02 19 244
04:05----04:35	5.5E-03 3.9E-03 119	4.1E-03 1.1E-02 1006	1.2E-02 4.6E-06 0	8.9E-03 19 246
04:15----04:45	5.6E-03 3.6E-03 120	1.7E-03 1.2E-02 1006	1.1E-02 5.6E-06 1	7.7E-03 19 241

HAWKESBURY #12, CONT'D

PAGE 4

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
04:25----04:55	5.6E-03 3.4E-03 120	4.9E-04 1.2E-02 1006	1.1E-02 5.6E-06 0	7.8E-03 19 235
04:35----05:05	5.6E-03 2.9E-03 120	1.3E-04 1.1E-02 1006	1.0E-02 5.2E-06 0	7.1E-03 19 225
04:45----05:15	5.6E-03 2.8E-03 120	2.2E-05 1.1E-02 1006	9.5E-03 1.4E-05 0	6.8E-03 19 229
04:55----05:25	5.5E-03 4.4E-03 120	4.6E-06 1.1E-02 1006	1.2E-02 5.0E-05 0	7.6E-03 19 232
05:05----05:35	5.5E-03 4.8E-03 120	1.2E-06 1.1E-02 1006	1.3E-02 1.4E-04 0	8.3E-03 19 250
05:15----05:45	5.4E-03 5.0E-03 120	1.2E-06 1.1E-02 1006	1.4E-02 3.0E-04 0	9.1E-03 19 244
05:25----05:55	5.4E-03 3.3E-03 120	1.2E-06 1.1E-02 1006	1.2E-02 5.3E-04 0	8.8E-03 19 242
05:35----06:05	5.4E-03 3.1E-03 119	1.2E-06 1.2E-02 1006	1.2E-02 8.3E-04 0	8.8E-03 19 247
05:45----06:15	5.4E-03 3.5E-03 119	1.2E-06 1.2E-02 1006	1.2E-02 1.2E-03 0	8.7E-03 19 244
05:55----06:25	5.4E-03 4.7E-03 119	1.2E-06 1.1E-02 1006	1.5E-02 1.6E-03 0	1.0E-02 19 237
06:05----06:35	5.3E-03 7.0E-03 118	4.0E-05 9.2E-03 1006	1.9E-02 2.0E-03 0	1.3E-02 19 231
06:15----06:45	5.2E-03 8.1E-03 118	4.0E-05 8.1E-03 1006	2.1E-02 2.4E-03 0	1.4E-02 19 226
06:25----06:55	5.1E-03 9.8E-03 118	7.2E-05 8.2E-03 1006	2.5E-02 2.7E-03 0	1.6E-02 19 232
06:35----07:05	5.1E-03 1.3E-02 117	1.6E-04 8.2E-03 1006	2.7E-02 3.1E-03 0	1.6E-02 19 233

HAWKESBURY #12, CONT'D

PAGE 5

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
06:45----07:15	5.2E-03 1.4E-02 116	2.8E-04 8.1E-03 1006	2.8E-02 3.4E-03 0	1.6E-02 20 232
06:55----07:25	5.2E-03 1.2E-02 115	4.1E-04 9.2E-03 1006	2.4E-02 3.8E-03 0	1.3E-02 20 233
07:05----07:35	5.1E-03 7.8E-03 113	3.5E-03 1.1E-02 1006	1.9E-02 4.3E-03 0	1.2E-02 20 229
07:15----07:45	5.0E-03 7.1E-03 112	9.6E-03 1.1E-02 1006	1.9E-02 4.8E-03 0	1.2E-02 20 231
07:25----07:55	4.9E-03 7.2E-03 111	1.1E-02 1.1E-02 1006	1.9E-02 5.3E-03 1	1.2E-02 21 224

STATISTICS

NUMBER OF READINGS 122

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	7.68E-03	5.16E-03	1.89E-03	2.28E-03	1.46E+01
SO2	1.00E-06	1.69E-01	9.83E-03	2.23E-02	3.50E-04	5.58E+01
NOX	1.00E-06	6.08E-02	2.13E-02	1.36E-02	7.30E-03	2.26E+01
NO2	1.00E-06	4.59E-02	1.47E-02	9.31E-03	5.26E-03	2.02E+01
NO	1.00E-06	2.88E-02	7.59E-03	5.78E-03	2.74E-03	1.65E+01
OZONE	1.00E-06	3.17E-02	1.17E-02	6.36E-03	4.48E-03	1.88E+01
SOLAR RAD	1.00E-06	6.05E-03	6.93E-04	1.48E-03	1.38E-05	2.16E+01
TEMP	0	30	20	8		
HUMIDITY	0	120	92	39	14	302
BAROMETER	0	1006	899	312	110	615
WIND SPEED	0	6	1	1	0	59

HAWKESBURY #13

DATE: JUL 13 1979
 SCAN TIME: 180 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: CRNR KITCHENER & MAIN STS.(X2950-X5065); 0.1KM & 210DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
10:25----10:55	6.1E-03 1.3E+00 2.9E-02 1005	2.1E+00 1.7E-02 4.5E-02 3	1.5E-03 4.8E-03 31 289	9.7E-01 3.5E-02 70
10:28----10:58	5.9E-03 1.3E+00 2.9E-02 1005	2.2E+00 1.8E-02 4.8E-02 3	1.5E-03 5.9E-03 31 294	9.9E-01 3.5E-02 69
10:31----11:01	5.7E-03 1.4E+00 2.9E-02 1005	2.2E+00 2.8E-02 5.1E-02 3	1.7E-03 1.4E-02 32 293	1.2E+00 3.9E-02 68
10:34----11:04	5.4E-03 1.4E+00 2.9E-02 1005	2.3E+00 3.8E-02 5.5E-02 3	2.0E-03 2.0E-02 32 290	1.4E+00 4.4E-02 68
10:37----11:07	5.3E-03 1.4E+00 2.9E-02 1005	2.3E+00 4.0E-02 5.9E-02 2	2.2E-03 2.2E-02 33 285	1.4E+00 4.4E-02 67
10:40----11:10	5.2E-03 1.4E+00 2.9E-02 1005	2.5E+00 4.5E-02 6.3E-02 2	2.6E-03 2.2E-02 33 283	1.4E+00 5.5E-02 65
10:43----11:13	5.1E-03 1.4E+00 2.9E-02 1005	2.5E+00 4.8E-02 6.4E-02 2	2.9E-03 2.4E-02 34 288	1.4E+00 5.6E-02 64
10:46----11:16	5.1E-03 1.4E+00 3.0E-02 1005	2.5E+00 4.9E-02 6.5E-02 2	3.1E-03 2.6E-02 34 287	1.4E+00 5.6E-02 64
10:49----11:19	5.0E-03 1.4E+00 3.0E-02 1005	2.5E+00 5.0E-02 6.6E-02 2	3.2E-03 2.8E-02 35 293	1.3E+00 4.9E-02 63
10:52----11:22	4.9E-03 1.4E+00 3.1E-02 1005	2.5E+00 5.0E-02 6.8E-02 2	3.3E-03 2.8E-02 35 291	1.4E+00 3.3E-02 62

HAWKESBURY #13, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
10:55----11:25	4.8E-03 1.4E+00 3.1E-02 1005	2.5E+00 5.1E-02 6.8E-02 2	3.4E-03 2.9E-02 35 282	1.4E+00 3.3E-02 61
10:58----11:28	4.8E-03 1.4E+00 3.2E-02 1005	2.5E+00 5.0E-02 6.9E-02 2	3.6E-03 2.8E-02 35 271	1.4E+00 3.3E-02 60
11:01----11:31	4.9E-03 1.4E+00 3.3E-02 1005	2.4E+00 4.2E-02 6.9E-02 3	3.6E-03 2.1E-02 35 270	1.1E+00 3.1E-02 60
11:04----11:34	5.0E-03 1.4E+00 3.3E-02 1005	2.8E+00 4.3E-02 7.0E-02 3	3.6E-03 2.3E-02 35 267	1.0E+00 3.1E-02 59
11:07----11:37	4.9E-03 1.4E+00 3.3E-02 1005	2.9E+00 4.3E-02 7.1E-02 2	3.8E-03 2.1E-02 35 264	1.0E+00 3.3E-02 58
11:10----11:40	4.9E-03 1.5E+00 3.3E-02 1005	2.7E+00 4.3E-02 7.1E-02 2	3.8E-03 2.3E-02 35 262	1.1E+00 2.6E-02 58
11:13----11:43	4.8E-03 1.5E+00 3.4E-02 1005	2.7E+00 4.5E-02 7.2E-02 2	4.2E-03 2.0E-02 35 261	1.2E+00 2.9E-02 57
11:16----11:46	4.8E-03 1.5E+00 3.4E-02 1005	2.7E+00 4.8E-02 7.1E-02 2	4.3E-03 2.3E-02 35 257	1.2E+00 3.0E-02 56
11:19----11:49	4.7E-03 1.5E+00 3.4E-02 1005	2.7E+00 5.0E-02 7.1E-02 3	4.4E-03 2.3E-02 35 251	1.2E+00 3.1E-02 55
11:22----11:52	4.7E-03 1.5E+00 3.5E-02 1005	2.7E+00 4.8E-02 7.2E-02 3	4.4E-03 2.4E-02 35 250	1.2E+00 2.8E-02 53
11:25----11:55	4.7E-03 1.5E+00 3.5E-02 1005	2.7E+00 5.4E-02 7.2E-02 3	4.5E-03 3.1E-02 35 255	1.2E+00 2.9E-02 53

HAWKESBURY #13, CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
11:28----11:58	4.6E-03 1.5E+00 3.5E-02 1005	2.8E+00 6.0E-02 7.2E-02 2	4.7E-03 3.3E-02 35 264	1.4E+00 3.2E-02 52
11:31----12:01	4.5E-03 1.6E+00 3.5E-02 1005	2.8E+00 5.9E-02 7.3E-02 2	4.8E-03 3.3E-02 35 268	1.4E+00 3.2E-02 52

STATISTICS

NUMBER OF READINGS 32

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	3.54E-03	7.33E-03	5.14E-03	9.30E-04	5.06E-03	1.19E+00
THC	1.90E+00	6.41E+00	2.46E+00	8.64E-01	2.37E+00	1.29E+00
SO2	7.24E-04	6.40E-03	3.24E-03	1.53E-03	2.81E-03	1.80E+00
THC-CH4	6.61E-01	3.28E+00	1.21E+00	6.94E-01	1.08E+00	1.57E+00
CH4	1.30E+00	1.71E+00	1.43E+00	1.01E-01	1.43E+00	1.07E+00
NOX	1.03E-02	1.24E-01	4.11E-02	3.14E-02	3.17E-02	2.08E+00
NO2	1.00E-06	1.02E-01	2.15E-02	2.65E-02	4.23E-03	2.94E+01
NO	5.74E-03	2.09E-01	3.21E-02	4.10E-02	1.98E-02	2.54E+00
OZONE	2.41E-02	4.16E-02	3.22E-02	3.84E-03	3.20E-02	1.13E+00
SOLAR RAD	2.61E-02	7.44E-02	6.26E-02	1.49E-02	6.02E-02	1.37E+00
TEMP	28	36	34	2		
HUMIDITY	46	73	61	8	60	1
BAROMETER	1005	1005	1005	0	1005	1
WIND SPEED	1	5	3	1	3	2

HAWKESBURY #14

DATE: JUL 13 1979
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: LOVER'S LANE OFF WATER ST(X3065-X5075): 1KM & 085DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
12:15----12:45	5.7E-03 1.7E+00 4.2E-02 1005	2.1E+00 2.0E-02 7.8E-02 4	8.4E-02 1.0E-02 37 302	6.1E-01 1.3E-02 48
12:18----12:48	6.2E-03 1.7E+00 4.1E-02 1005	2.1E+00 2.1E-02 7.8E-02 4	9.5E-02 1.1E-02 37 296	5.9E-01 1.4E-02 47
12:21----12:51	6.3E-03 1.8E+00 4.1E-02 1005	2.1E+00 2.2E-02 7.8E-02 4	1.1E-01 1.1E-02 37 298	5.9E-01 1.4E-02 46
12:24----12:54	6.6E-03 1.7E+00 4.1E-02 1005	2.1E+00 2.1E-02 7.9E-02 5	1.2E-01 1.0E-02 38 298	5.6E-01 1.5E-02 45
12:27----12:57	6.5E-03 1.8E+00 4.0E-02 1005	2.1E+00 2.2E-02 7.8E-02 5	1.2E-01 1.0E-02 38 294	5.6E-01 1.6E-02 44
12:30----13:00	6.7E-03 1.8E+00 4.0E-02 1005	2.0E+00 2.5E-02 7.8E-02 5	1.2E-01 1.0E-02 38 292	5.7E-01 1.8E-02 43
12:33----13:03	6.8E-03 1.8E+00 3.9E-02 1005	2.0E+00 2.5E-02 7.8E-02 5	1.2E-01 9.1E-03 38 293	5.5E-01 1.8E-02 42
12:36----13:06	6.9E-03 1.8E+00 4.0E-02 1005	2.0E+00 2.4E-02 7.8E-02 5	1.1E-01 7.6E-03 38 296	5.4E-01 1.8E-02 42
12:39----13:09	6.9E-03 1.8E+00 4.0E-02 1005	2.0E+00 2.4E-02 7.9E-02 5	1.0E-01 7.5E-03 38 297	7.5E-01 1.9E-02 41
12:42----13:12	6.8E-03 1.8E+00 4.0E-02 1005	2.0E+00 2.6E-02 7.9E-02 5	9.5E-02 6.7E-03 38 300	7.4E-01 2.2E-02 41

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
12:45----13:15	6.7E-03 1.9E+00 3.9E-02 1004	2.0E+00 2.6E-02 7.9E-02 5	9.0E-02 6.7E-03 38 313	7.4E-01 2.3E-02 41
12:48----13:18	6.6E-03 1.9E+00 4.0E-02 1004	2.0E+00 2.6E-02 7.7E-02 5	7.3E-02 5.9E-03 38 316	7.3E-01 2.3E-02 40

STATISTICS

NUMBER OF READINGS 63

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	2.15E-03	8.74E-03	6.21E-03	1.35E-03	6.02E-03	1.31E+00
THC	1.83E+00	3.81E+00	2.06E+00	3.41E-01	2.04E+00	1.14E+00
SO2	1.49E-02	2.23E-01	8.33E-02	5.26E-02	6.82E-02	1.94E+00
THC-CH4	3.89E-01	7.22E+00	6.62E-01	8.50E-01	5.66E-01	1.47E+00
CH4	1.62E+00	2.54E+00	1.80E+00	1.36E-01	1.80E+00	1.07E+00
NOX	1.35E-02	6.49E-02	2.31E-02	1.00E-02	2.17E-02	1.39E+00
NO2	1.00E-06	2.83E-02	8.32E-03	5.75E-03	3.45E-03	1.49E+01
NO	7.89E-03	1.25E-01	1.82E-02	2.02E-02	1.48E-02	1.66E+00
OZONE	3.10E-02	4.72E-02	4.07E-02	3.18E-03	4.06E-02	1.08E+00
SOLAR RAD	5.62E-02	8.47E-02	7.78E-02	4.67E-03	7.77E-02	1.07E+00
TEMP	36	39	38	1		
HUMIDITY	37	59	44	5	44	1
BAROMETER	1004	1006	1005	0	1005	1.
WIND SPEED	0	12	5	3	4	3

HAWKESBURY #16

DATE: JUL 13 1979
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: HOLIDAY HOTEL - MCGILL ST.(X3010-X5035); 0.6KM & 125DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
13:56----14:26	5.7E-03 1.9E+00 3.4E-02 1004	2.4E+00 3.8E-02 7.6E-02 3	7.8E-02 1.6E-02 40 317	7.0E-01 2.5E-02 27
14:06----14:36	6.2E-03 1.9E+00 3.3E-02 1004	2.4E+00 3.8E-02 7.5E-02 3	1.1E-01 1.7E-02 41 319	7.6E-01 2.5E-02 26
14:16----14:46	6.6E-03 1.9E+00 3.3E-02 1004	2.4E+00 3.6E-02 7.4E-02 3	1.2E-01 1.5E-02 41 327	7.4E-01 2.4E-02 26
14:26----14:56	6.8E-03 1.9E+00 3.5E-02 1004	2.3E+00 3.3E-02 7.4E-02 3	9.1E-02 1.3E-02 41 332	6.9E-01 2.2E-02 26
14:36----15:06	6.9E-03 1.9E+00 3.5E-02 1004	2.3E+00 3.2E-02 7.2E-02 4	8.5E-02 1.4E-02 41 329	6.4E-01 2.1E-02 26
14:46----15:16	7.2E-03 2.0E+00 3.3E-02 1004	2.4E+00 3.8E-02 7.0E-02 4	1.3E-01 1.9E-02 41 340	7.6E-01 2.3E-02 25
14:56----15:26	7.7E-03 2.0E+00 3.2E-02 1004	2.5E+00 4.1E-02 6.8E-02 4	1.6E-01 2.1E-02 41 348	8.4E-01 2.4E-02 25
15:06----15:36	7.8E-03 2.0E+00 2.9E-02 1004	2.5E+00 4.6E-02 6.7E-02 4	1.5E-01 2.4E-02 41 356	8.8E-01 2.6E-02 25
15:16----15:46	7.7E-03 2.0E+00 2.9E-02 1004	2.7E+00 4.4E-02 6.5E-02 4	1.3E-01 2.2E-02 41 360	1.0E+00 2.6E-02 25
15:26----15:56	7.7E-03 2.0E+00 2.8E-02 1004	2.8E+00 4.4E-02 6.1E-02 4	1.3E-01 2.2E-02 41 1	1.0E+00 2.6E-02 25

HAWKESBURY #16, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
15:36----16:06	7.9E-03 2.0E+00 2.9E-02 1004	2.7E+00 4.3E-02 5.7E-02 4	1.2E-01 2.1E-02 41 0	1.0E+00 2.6E-02 25
15:46----16:16	7.9E-03 2.0E+00 2.7E-02 1004	2.6E+00 4.6E-02 5.4E-02 4	1.2E-01 2.4E-02 41 1	9.2E-01 2.7E-02 25
15:56----16:26	7.9E-03 2.0E+00 2.5E-02 1004	2.7E+00 5.3E-02 5.3E-02 5	1.2E-01 2.7E-02 41 356	9.6E-01 3.0E-02 25
16:06----16:36	7.8E-03 2.0E+00 2.5E-02 1004	2.7E+00 5.2E-02 4.7E-02 5	1.3E-01 2.7E-02 40 353	1.0E+00 2.9E-02 26
16:16----16:46	8.0E-03 2.0E+00 2.4E-02 1004	2.7E+00 5.5E-02 3.4E-02 5	1.5E-01 2.9E-02 40 353	1.0E+00 3.0E-02 27
16:26----16:56	8.3E-03 2.0E+00 2.5E-02 1004	2.6E+00 4.9E-02 2.0E-02 4	1.5E-01 2.6E-02 40 358	8.9E-01 2.7E-02 26
16:36----17:06	8.4E-03 2.0E+00 2.3E-02 1004	2.6E+00 5.2E-02 1.6E-02 4	1.7E-01 2.7E-02 40 359	8.4E-01 2.9E-02 26
16:46----17:16	8.4E-03 2.0E+00 2.3E-02 1004	2.6E+00 5.2E-02 2.2E-02 4	1.7E-01 2.8E-02 39 2	8.6E-01 2.8E-02 25
16:56----17:26	8.5E-03 2.1E+00 2.2E-02 1003	2.8E+00 5.7E-02 2.7E-02 3	1.8E-01 3.0E-02 39 359	1.0E+00 3.1E-02 26
17:06----17:36	8.4E-03 2.1E+00 2.3E-02 1003	2.8E+00 5.5E-02 3.0E-02 3	1.8E-01 3.0E-02 39 351	1.1E+00 2.9E-02 26
17:16----17:46	8.6E-03 2.1E+00 2.4E-02 1003	2.9E+00 5.1E-02 2.6E-02 4	1.9E-01 2.8E-02 38 345	1.1E+00 2.8E-02 27

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
17:26----17:56	8.8E-03 2.1E+00 2.3E-02 1003	2.9E+00 5.0E-02 2.4E-02 4	2.1E-01 2.9E-02 37 341	1.1E+00 2.6E-02 28
17:36----18:06	9.2E-03 2.1E+00 2.3E-02 1003	3.0E+00 5.3E-02 2.5E-02 4	2.4E-01 3.0E-02 37 348	1.1E+00 2.8E-02 29
17:46----18:16	9.5E-03 2.1E+00 2.2E-02 1003	3.2E+00 5.3E-02 2.7E-02 3	2.4E-01 3.0E-02 37 348	1.2E+00 2.7E-02 28
17:56----18:26	9.5E-03 2.1E+00 2.3E-02 1003	3.5E+00 5.2E-02 2.9E-02 3	2.2E-01 3.0E-02 38 350	1.4E+00 2.7E-02 27
18:06----18:36	9.4E-03 2.1E+00 2.1E-02 1003	3.5E+00 5.4E-02 2.5E-02 3	1.7E-01 3.3E-02 38 354	1.5E+00 2.6E-02 27
18:16----18:46	9.5E-03 2.1E+00 1.8E-02 1003	3.4E+00 5.8E-02 2.1E-02 2	1.6E-01 3.5E-02 38 355	1.5E+00 2.9E-02 28
18:26----18:56	9.7E-03 2.1E+00 1.6E-02 1003	3.3E+00 6.3E-02 1.6E-02 2	1.7E-01 3.6E-02 38 359	1.5E+00 3.1E-02 30
18:36----19:06	9.9E-03 2.2E+00 1.4E-02 1003	3.5E+00 6.4E-02 1.1E-02 2	2.0E-01 3.7E-02 37 2	1.5E+00 3.3E-02 32
18:46----19:16	9.9E-03 2.1E+00 1.6E-02 1003	3.3E+00 5.8E-02 6.5E-03 2	2.1E-01 3.4E-02 36 3	1.4E+00 2.8E-02 35
18:56----19:26	9.9E-03 2.0E+00 1.8E-02 1003	3.3E+00 5.0E-02 4.0E-03 2	1.7E-01 3.1E-02 35 6	1.4E+00 2.3E-02 37
19:06----19:36	9.7E-03 1.9E+00 2.2E-02 1003	3.3E+00 3.9E-02 3.5E-03 2	1.2E-01 2.5E-02 34 6	1.6E+00 1.6E-02 38

HAWKESBURY #16, CONT'D

PAGE 4

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
19:16----19:46	9.4E-03 1.8E+00 2.0E-02 1003	3.3E+00 4.0E-02 3.1E-03 2	1.0E-01 2.6E-02 34 10	1.7E+00 1.8E-02 39
19:26----19:56	9.0E-03 1.8E+00 1.8E-02 1004	3.3E+00 4.6E-02 2.6E-03 1	1.1E-01 2.9E-02 33 8	1.6E+00 2.0E-02 40

STATISTICS

NUMBER OF READINGS 368

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	4.61E-03	1.04E-02	8.28E-03	1.24E-03	8.18E-03	1.17E+00
THC	1.86E+00	6.04E+00	2.85E+00	6.02E-01	2.80E+00	1.21E+00
SO2	1.86E-02	2.94E-01	1.48E-01	5.85E-02	1.33E-01	1.71E+00
THC-CH4	3.72E-01	3.82E+00	1.10E+00	4.76E-01	1.01E+00	1.50E+00
CH4	1.71E+00	2.40E+00	2.00E+00	1.18E-01	2.00E+00	1.06E+00
NOX	2.23E-02	8.80E-02	4.81E-02	1.37E-02	4.63E-02	1.32E+00
NO2	3.01E-03	5.54E-02	2.61E-02	9.78E-03	2.41E-02	1.52E+00
NO	8.38E-03	7.52E-02	2.60E-02	7.84E-03	2.50E-02	1.34E+00
OZONE	6.84E-03	3.97E-02	2.45E-02	7.60E-03	2.31E-02	1.44E+00
SOLAR RAD	1.68E-03	7.83E-02	3.71E-02	2.66E-02	2.35E-02	3.16E+00
TEMP	32	42	38	3		
HUMIDITY	22	48	29	5	29	1
BAROMETER	1003	1004	1004	0	1004	1
WIND SPEED	0	12	4	2	3	3

HAWKESBURY #17

DATE: JUL 13 1979
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: KITCHENER & MAIN STS.(X2945-X5060): 0.1KM & 215 DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
23:06----23:36	7.8E-03 1.2E+00 2.4E-03 1004	2.5E+00 1.4E-01 1.3E-06 0	1.5E-02 3.9E-02 22 263	1.7E+00 1.1E-01 102
23:11----23:41	7.7E-03 1.1E+00 2.8E-03 1004	2.2E+00 1.1E-01 1.0E-06 0	1.4E-02 3.0E-02 21 258	1.4E+00 8.0E-02 102
23:16----23:46	7.6E-03 1.1E+00 3.0E-03 1004	2.1E+00 6.6E-02 1.0E-06 0	1.2E-02 2.9E-02 21 236	1.1E+00 4.8E-02 103
23:21----23:51	7.5E-03 1.1E+00 3.0E-03 1004	2.5E+00 1.0E-01 1.1E-06 0	1.2E-02 3.3E-02 21 228	1.4E+00 8.5E-02 104
23:26----23:56	7.5E-03 1.1E+00 3.4E-03 1004	2.5E+00 9.8E-02 1.2E-06 0	1.2E-02 2.5E-02 21 228	1.3E+00 9.1E-02 105
23:31----00:01	7.4E-03 1.1E+00 4.0E-03 1004	2.6E+00 1.0E-01 1.2E-06 0	1.2E-02 3.1E-02 21 225	1.4E+00 9.1E-02 106
23:36----00:06	7.3E-03 1.1E+00 4.7E-03 1004	2.6E+00 1.1E-01 1.2E-06 0	1.2E-02 3.1E-02 21 223	1.4E+00 9.6E-02 107
23:41----00:11	7.3E-03 1.1E+00 4.9E-03 1004	3.0E+00 1.1E-01 1.3E-06 0	1.2E-02 3.5E-02 21 222	1.6E+00 1.0E-01 107
23:46----00:16	6.1E-03 9.5E-01 4.3E-03 837	2.6E+00 1.0E-01 1.3E-06 0	1.0E-02 3.1E-02 17 211	1.4E+00 9.2E-02 90
23:51----00:21	4.9E-03 7.4E-01 4.0E-03 670	1.8E+00 5.6E-02 1.2E-06 0	7.7E-03 2.2E-02 14 212	9.1E-01 4.9E-02 72

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
23:56----00:26	4.1E-03 6.3E-01 3.6E-03 569	1.6E+00 4.4E-02 1.1E-06 0	5.9E-03 1.9E-02 12 223	7.8E-01 3.3E-02 61
00:01----00:31	4.1E-03 6.3E-01 3.2E-03 569	1.5E+00 3.8E-02 1.1E-06 0	5.4E-03 1.3E-02 12 231	7.7E-01 3.3E-02 61
00:06----00:36	4.0E-03 6.3E-01 2.8E-03 569	1.6E+00 3.2E-02 1.1E-06 0	4.9E-03 1.1E-02 12 234	7.7E-01 3.1E-02 61
00:11----00:41	4.0E-03 6.3E-01 2.6E-03 569	1.6E+00 4.4E-02 1.0E-06 0	5.3E-03 4.4E-03 12 234	7.8E-01 5.3E-02 61
00:16----00:46	5.1E-03 8.2E-01 3.4E-03 737	2.3E+00 6.5E-02 1.0E-06 0	7.1E-03 1.7E-02 15 232	1.1E+00 6.7E-02 80
00:21----00:51	6.3E-03 1.0E+00 4.2E-03 904	2.6E+00 7.6E-02 1.0E-06 0	8.8E-03 2.1E-02 18 233	1.5E+00 7.6E-02 98
00:26----00:56	6.9E-03 1.1E+00 4.9E-03 1004	3.0E+00 9.6E-02 1.3E-06 0	1.0E-02 2.8E-02 20 222	1.8E+00 9.2E-02 109
00:31----01:01	6.8E-03 1.1E+00 5.1E-03 1004	2.9E+00 9.7E-02 1.5E-06 0	1.0E-02 2.7E-02 20 227	1.8E+00 9.6E-02 110
00:36----01:06	6.8E-03 1.1E+00 5.2E-03 1004	3.0E+00 9.6E-02 1.5E-06 0	1.0E-02 2.9E-02 20 245	2.0E+00 9.8E-02 110
00:41----01:11	6.7E-03 1.2E+00 4.8E-03 1004	3.7E+00 1.3E-01 1.8E-06 0	1.1E-02 5.4E-02 20 245	2.5E+00 1.2E-01 111
00:46----01:16	6.7E-03 1.3E+00 4.3E-03 1004	4.5E+00 1.9E-01 2.5E-06 0	1.4E-02 5.1E-02 20 247	3.1E+00 1.9E-01 111

HAWKESBURY #17, CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
00:51----01:21	6.7E-03 1.2E+00 4.3E-03 1004	4.5E+00 2.1E-01 2.5E-06 0	1.6E-02 5.7E-02 20 260	2.9E+00 2.1E-01 111
00:56----01:26	6.7E-03 1.2E+00 4.2E-03 1004	4.4E+00 2.0E-01 2.4E-06 0	1.6E-02 5.1E-02 20 261	2.8E+00 2.0E-01 111
01:01----01:31	6.7E-03 1.3E+00 3.9E-03 1004	4.8E+00 2.1E-01 2.4E-06 0	1.7E-02 5.4E-02 20 262	2.9E+00 2.1E-01 112
01:06----01:36	6.7E-03 1.3E+00 3.3E-03 1004	5.6E+00 3.0E-01 2.6E-06 0	2.0E-02 7.1E-02 20 254	3.4E+00 2.9E-01 112
01:11----01:41	6.6E-03 1.2E+00 3.9E-03 1004	4.7E+00 2.6E-01 2.4E-06 0	2.0E-02 4.9E-02 20 245	2.7E+00 2.4E-01 112
01:16----01:46	6.6E-03 1.2E+00 4.3E-03 1004	3.8E+00 2.0E-01 2.2E-06 0	1.8E-02 4.8E-02 20 237	2.1E+00 1.7E-01 112
01:21----01:51	6.6E-03 1.2E+00 4.1E-03 1004	3.9E+00 1.9E-01 2.2E-06 0	1.7E-02 4.1E-02 20 219	2.4E+00 1.7E-01 112
01:26----01:56	6.7E-03 1.2E+00 3.8E-03 1004	4.4E+00 2.1E-01 2.1E-06 0	1.8E-02 5.0E-02 20 216	2.6E+00 2.0E-01 112
01:31----02:01	6.6E-03 1.2E+00 3.5E-03 1004	4.7E+00 2.5E-01 2.2E-06 0	2.0E-02 6.4E-02 20 215	2.9E+00 2.4E-01 113
01:36----02:06	6.6E-03 1.2E+00 3.6E-03 1004	4.4E+00 2.4E-01 2.2E-06 0	2.0E-02 5.9E-02 20 215	2.9E+00 2.2E-01 112
01:41----02:11	6.7E-03 1.2E+00 3.6E-03 1004	4.2E+00 2.3E-01 2.2E-06 0	2.0E-02 5.8E-02 20 211	2.9E+00 2.1E-01 113

HAWKESBURY #17, CONT'D

PAGE 4

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
01:46----02:16	6.6E-03 1.2E+00 3.4E-03 1004	4.1E+00 2.2E-01 1.7E-06 0	1.9E-02 5.4E-02 20 203	2.7E+00 2.0E-01 113
01:51----02:21	6.6E-03 1.2E+00 3.5E-03 1004	3.8E+00 2.0E-01 1.7E-06 0	1.8E-02 5.3E-02 20 185	2.4E+00 1.8E-01 113
01:56----02:26	6.5E-03 1.2E+00 3.5E-03 1004	3.7E+00 2.1E-01 1.8E-06 0	1.9E-02 5.4E-02 20 160	2.4E+00 1.6E-01 114
02:01----02:31	6.6E-03 1.2E+00 3.5E-03 1004	3.1E+00 1.5E-01 1.6E-06 0	2.3E-02 3.8E-02 20 156	2.0E+00 1.1E-01 114
02:06----02:36	6.6E-03 1.1E+00 3.4E-03 1004	2.4E+00 7.5E-02 1.4E-06 0	2.7E-02 2.6E-02 20 157	1.3E+00 5.3E-02 115
02:11----02:41	6.7E-03 1.1E+00 2.6E-03 1005	2.5E+00 7.3E-02 1.2E-06 0	2.9E-02 2.6E-02 20 158	1.4E+00 5.3E-02 115
02:16----02:46	6.7E-03 1.2E+00 2.2E-03 1005	2.6E+00 7.5E-02 1.2E-06 0	3.0E-02 2.8E-02 20 196	1.4E+00 5.4E-02 114
02:21----02:51	6.8E-03 1.2E+00 1.3E-03 1005	2.7E+00 7.7E-02 1.2E-06 0	3.1E-02 2.7E-02 20 233	1.5E+00 5.7E-02 114
02:26----02:56	6.8E-03 1.2E+00 7.9E-04 1005	2.4E+00 5.4E-02 1.0E-06 0	3.0E-02 1.8E-02 20 231	1.3E+00 4.0E-02 113
02:31----03:01	6.8E-03 1.2E+00 3.8E-04 1005	2.5E+00 5.4E-02 1.0E-06 0	2.4E-02 1.9E-02 20 229	1.3E+00 4.1E-02 112
02:36----03:06	6.8E-03 1.2E+00 9.8E-05 1004	2.5E+00 5.9E-02 1.2E-06 0	1.7E-02 2.1E-02 20 225	1.3E+00 4.3E-02 111

HAWKESBURY #17, CONT'D

PAGE 5

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
02:41----03:11	6.7E-03 1.1E+00 6.3E-05 1004	2.4E+00 5.9E-02 1.2E-06 0	1.3E-02 2.1E-02 19 224	1.3E+00 4.3E-02 111
02:46----03:16	6.7E-03 1.2E+00 8.7E-05 1004	2.5E+00 5.9E-02 1.2E-06 0	1.2E-02 2.0E-02 19 223	1.3E+00 4.5E-02 111
02:51----03:21	6.6E-03 1.2E+00 1.3E-04 1004	2.5E+00 5.9E-02 1.2E-06 0	1.1E-02 2.0E-02 19 328	1.3E+00 4.4E-02 111
02:56----03:26	6.6E-03 1.2E+00 2.7E-04 1004	2.5E+00 5.5E-02 1.2E-06 0	1.0E-02 2.0E-02 19 350	1.3E+00 4.0E-02 110
03:01----03:31	6.5E-03 1.2E+00 2.6E-04 1004	2.4E+00 5.3E-02 1.2E-06 0	9.7E-03 1.8E-02 19 346	1.3E+00 3.9E-02 110
03:06----03:36	6.5E-03 1.2E+00 3.0E-04 1004	2.5E+00 4.6E-02 1.0E-06 0	9.1E-03 1.5E-02 19 314	1.3E+00 3.7E-02 111
03:11----03:41	6.5E-03 1.2E+00 3.4E-04 1004	2.7E+00 5.7E-02 1.2E-06 0	8.8E-03 1.9E-02 19 285	1.4E+00 4.5E-02 112
03:16----03:46	6.4E-03 1.2E+00 3.4E-04 1005	2.8E+00 9.6E-02 1.3E-06 0	9.6E-03 2.9E-02 18 272	1.6E+00 8.1E-02 113
03:21----03:51	6.3E-03 1.2E+00 3.0E-04 1005	3.0E+00 1.1E-01 1.3E-06 0	1.0E-02 3.4E-02 18 230	1.7E+00 9.7E-02 114
03:26----03:56	6.3E-03 1.2E+00 1.8E-04 1005	3.2E+00 1.2E-01 1.3E-06 0	1.0E-02 3.9E-02 18 224	1.8E+00 1.0E-01 115
03:31----04:01	6.3E-03 1.2E+00 2.4E-04 1005	3.2E+00 1.4E-01 1.5E-06 0	1.1E-02 4.2E-02 18 220	1.9E+00 1.2E-01 116

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
03:36----04:06	6.3E-03 1.2E+00 3.5E-04 1005	3.1E+00 1.4E-01 2.0E-06 0	1.1E-02 4.5E-02 18 209	1.9E+00 1.2E-01 117
03:41----04:11	6.3E-03 1.1E+00 4.2E-04 1005	3.1E+00 1.6E-01 2.6E-06 0	1.1E-02 5.0E-02 18 207	1.8E+00 1.4E-01 117
03:46----04:16	6.3E-03 1.1E+00 4.9E-04 1005	2.8E+00 1.1E-01 2.6E-06 0	1.0E-02 3.6E-02 18 210	1.6E+00 9.9E-02 117
03:51----04:21	6.3E-03 1.1E+00 4.9E-04 1005	2.7E+00 1.0E-01 2.6E-06 0	9.9E-03 3.3E-02 18 212	1.4E+00 8.9E-02 118
03:56----04:26	6.4E-03 1.1E+00 4.8E-04 1005	2.6E+00 1.0E-01 2.6E-06 0	9.9E-03 3.4E-02 18 216	1.3E+00 8.5E-02 117
04:01----04:31	6.4E-03 1.1E+00 4.5E-04 1005	2.8E+00 1.0E-01 2.4E-06 0	9.9E-03 4.0E-02 18 232	1.4E+00 9.2E-02 117
04:06----04:36	6.4E-03 1.2E+00 3.6E-04 1005	3.1E+00 1.3E-01 1.9E-06 0	1.0E-02 5.0E-02 18 261	1.8E+00 1.1E-01 117
04:11----04:41	6.4E-03 1.2E+00 4.0E-04 1005	3.4E+00 1.6E-01 1.2E-06 0	1.2E-02 6.9E-02 18 264	2.2E+00 1.3E-01 116
04:16----04:46	6.4E-03 1.3E+00 5.6E-04 1005	3.8E+00 2.0E-01 1.2E-06 0	1.4E-02 7.8E-02 18 268	2.4E+00 1.7E-01 116
04:21----04:51	6.3E-03 1.3E+00 1.2E-03 1005	3.7E+00 2.0E-01 1.7E-06 0	1.4E-02 7.6E-02 18 280	2.3E+00 1.8E-01 116
04:26----04:56	6.2E-03 1.2E+00 1.6E-03 1005	3.6E+00 2.0E-01 2.7E-06 0	1.5E-02 8.2E-02 18 280	2.3E+00 1.8E-01 117

HAWKESBURY #17, CONT'D

PAGE 7

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
04:31----05:01	6.2E-03 1.2E+00 2.0E-03 1005	3.4E+00 1.8E-01 4.0E-06 0	2.1E-02 7.2E-02 18 283	2.2E+00 1.6E-01 118
04:36----05:06	6.2E-03 1.2E+00 2.3E-03 1005	3.5E+00 1.6E-01 7.4E-06 0	2.7E-02 6.1E-02 18 264	2.2E+00 1.5E-01 118
04:41----05:11	6.2E-03 1.1E+00 2.3E-03 1005	3.0E+00 1.4E-01 1.8E-05 0	3.2E-02 4.0E-02 18 178	1.8E+00 1.3E-01 119
04:46----05:16	6.3E-03 1.1E+00 2.2E-03 1005	2.7E+00 9.9E-02 3.6E-05 0	3.5E-02 3.1E-02 18 155	1.6E+00 8.8E-02 119
04:51----05:21	6.3E-03 1.1E+00 1.7E-03 1005	2.7E+00 9.1E-02 6.3E-05 0	4.0E-02 3.3E-02 18 151	1.6E+00 7.5E-02 120
04:56----05:26	6.4E-03 1.1E+00 1.3E-03 1005	2.7E+00 8.0E-02 1.1E-04 1	4.4E-02 2.0E-02 18 142	1.7E+00 7.3E-02 121
05:01----05:31	6.4E-03 1.1E+00 9.7E-04 1005	2.7E+00 9.3E-02 1.7E-04 1	4.2E-02 3.0E-02 18 143	1.8E+00 7.8E-02 121
05:06----05:36	6.5E-03 1.1E+00 7.5E-04 1005	2.4E+00 8.6E-02 2.6E-04 1	4.0E-02 2.9E-02 18 143	1.4E+00 6.8E-02 121
05:11----05:41	6.6E-03 1.1E+00 6.4E-04 1005	2.2E+00 5.1E-02 4.0E-04 1	3.7E-02 2.2E-02 18 175	1.3E+00 3.3E-02 120
05:16----05:46	6.7E-03 1.1E+00 7.4E-04 1005	2.2E+00 5.2E-02 5.6E-04 1	3.3E-02 2.2E-02 18 197	1.3E+00 3.7E-02 118
05:21----05:51	6.7E-03 1.1E+00 1.0E-03 1005	2.3E+00 6.8E-02 7.7E-04 1	2.9E-02 3.0E-02 18 205	1.4E+00 4.8E-02 117

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
05:26----05:56	6.8E-03 1.1E+00 1.3E-03 1005	2.4E+00 7.8E-02 1.0E-03 1	2.6E-02 4.0E-02 18 215	1.5E+00 4.8E-02 116
05:31----06:01	6.7E-03 1.1E+00 1.5E-03 1005	2.5E+00 9.4E-02 1.3E-03 1	2.3E-02 4.8E-02 18 221	1.5E+00 5.8E-02 115
05:36----06:06	6.7E-03 1.2E+00 1.7E-03 1005	3.1E+00 1.2E-01 1.6E-03 1	2.0E-02 6.0E-02 18 222	1.6E+00 7.6E-02 115
05:41----06:11	6.6E-03 1.2E+00 1.8E-03 1005	3.2E+00 1.5E-01 1.9E-03 0	1.9E-02 8.2E-02 18 215	1.7E+00 8.8E-02 116
05:46----06:16	6.8E-03 1.2E+00 1.7E-03 1005	3.3E+00 1.6E-01 2.2E-03 0	1.8E-02 8.2E-02 18 199	1.8E+00 8.8E-02 116
05:51----06:21	7.0E-03 1.2E+00 1.5E-03 1005	3.6E+00 1.6E-01 2.6E-03 0	1.8E-02 8.4E-02 18 129	1.9E+00 9.6E-02 115
05:56----06:26	7.1E-03 1.3E+00 1.2E-03 1005	4.3E+00 2.5E-01 2.9E-03 0	2.1E-02 9.3E-02 18 142	2.3E+00 1.8E-01 114
06:01----06:31	7.2E-03 1.3E+00 1.1E-03 1005	4.3E+00 2.3E-01 3.2E-03 0	2.2E-02 7.6E-02 19 139	2.2E+00 1.8E-01 112
06:06----06:36	7.2E-03 1.3E+00 1.1E-03 1005	3.7E+00 2.1E-01 3.6E-03 0	2.1E-02 6.3E-02 19 136	2.1E+00 1.6E-01 110
06:11----06:41	7.2E-03 1.3E+00 1.1E-03 1005	3.6E+00 1.7E-01 3.9E-03 0	2.0E-02 4.0E-02 19 170	2.0E+00 1.5E-01 107
06:16----06:46	6.9E-03 1.3E+00 1.2E-03 1005	3.6E+00 1.7E-01 4.5E-03 0	2.0E-02 3.9E-02 19 199	2.0E+00 1.5E-01 104

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
06:21----06:51	6.7E-03 1.2E+00 1.3E-03 1005	3.3E+00 1.5E-01 5.5E-03 0	1.9E-02 3.4E-02 20 208	1.8E+00 1.3E-01 102
06:26----06:56	6.5E-03 1.2E+00 1.5E-03 1005	2.5E+00 6.4E-02 7.0E-03 0	1.8E-02 1.5E-02 20 227	1.4E+00 5.5E-02 99
06:31----07:01	6.5E-03 1.2E+00 1.8E-03 1005	2.5E+00 5.8E-02 9.5E-03 0	2.0E-02 1.7E-02 20 247	1.3E+00 4.9E-02 97
06:36----07:06	6.5E-03 1.2E+00 1.9E-03 1005	2.6E+00 6.0E-02 9.8E-03 0	2.7E-02 1.7E-02 21 268	1.4E+00 5.1E-02 96
06:41----07:11	6.8E-03 1.3E+00 2.2E-03 1005	2.7E+00 7.1E-02 1.1E-02 0	3.0E-02 2.9E-02 21 278	1.4E+00 5.3E-02 95
06:46----07:16	7.1E-03 1.3E+00 2.6E-03 1005	2.9E+00 8.0E-02 1.1E-02 0	3.6E-02 3.1E-02 21 273	1.5E+00 6.4E-02 94
06:51----07:21	7.5E-03 1.4E+00 3.7E-03 1005	3.0E+00 8.5E-02 1.1E-02 0	4.8E-02 2.7E-02 22 146	1.5E+00 7.2E-02 92
06:56----07:26	7.7E-03 1.4E+00 5.1E-03 1005	2.9E+00 7.0E-02 9.8E-03 0	5.6E-02 2.7E-02 22 142	1.4E+00 5.6E-02 91
07:01----07:31	7.8E-03 1.4E+00 6.1E-03 1005	2.8E+00 7.2E-02 8.8E-03 0	6.1E-02 2.9E-02 22 141	1.5E+00 5.8E-02 89
07:06----07:36	7.9E-03 1.3E+00 7.3E-03 1005	2.8E+00 7.0E-02 8.0E-03 0	6.2E-02 3.0E-02 23 141	1.4E+00 5.5E-02 87
07:11----07:41	7.7E-03 1.3E+00 8.4E-03 1005	2.6E+00 5.9E-02 8.2E-03 1	6.2E-02 1.9E-02 23 143	1.3E+00 5.2E-02 85

HAWKESBURY #17, CONT'D

PAGE 10

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
07:16----07:46	7.5E-03 1.2E+00 9.7E-03 1005	2.4E+00 5.0E-02 1.0E-02 1	5.9E-02 2.0E-02 24 142	1.2E+00 3.8E-02 83
07:21----07:51	7.3E-03 1.2E+00 1.0E-02 1005	2.3E+00 4.1E-02 1.3E-02 2	5.0E-02 1.8E-02 24 143	1.2E+00 2.8E-02 81
07:26----07:56	7.3E-03 1.1E+00 1.1E-02 1005	2.2E+00 4.2E-02 1.7E-02 2	4.5E-02 2.2E-02 24 144	1.2E+00 2.6E-02 79
07:31----08:01	7.2E-03 1.1E+00 1.2E-02 1005	2.2E+00 4.0E-02 2.1E-02 2	4.2E-02 2.1E-02 25 144	1.1E+00 2.6E-02 76
07:36----08:06	7.1E-03 1.1E+00 1.2E-02 1005	2.3E+00 7.2E-02 2.5E-02 2	4.2E-02 3.3E-02 25 145	1.3E+00 4.8E-02 74
07:41----08:11	7.1E-03 1.1E+00 1.3E-02 1005	2.4E+00 7.3E-02 2.8E-02 1	7.0E-02 3.4E-02 25 144	1.3E+00 4.8E-02 72
07:46----08:16	7.3E-03 1.1E+00 1.4E-02 1005	2.5E+00 7.4E-02 3.0E-02 0	1.1E-01 3.4E-02 26 146	1.4E+00 4.9E-02 70
07:51----08:21	7.5E-03 1.1E+00 1.4E-02 1005	2.6E+00 7.6E-02 3.2E-02 0	1.6E-01 3.6E-02 27 150	1.5E+00 4.9E-02 68
07:56----08:26	7.7E-03 1.2E+00 1.4E-02 1005	2.8E+00 9.1E-02 3.3E-02 0	1.7E-01 4.1E-02 27 174	1.5E+00 6.8E-02 67
08:01----08:31	8.1E-03 1.2E+00 1.5E-02 1005	2.8E+00 9.9E-02 3.4E-02 0	1.8E-01 4.3E-02 28 211	1.7E+00 7.9E-02 65
08:06----08:36	8.2E-03 1.2E+00 1.7E-02 1005	2.6E+00 7.0E-02 3.5E-02 0	1.8E-01 2.9E-02 28 214	1.5E+00 6.1E-02 64

HAWKESBURY #17, CONT'D

PAGE 11

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
08:11-----08:41	8.2E-03 1.2E+00 1.8E-02 1005	2.4E+00 7.2E-02 3.7E-02 1	1.5E-01 2.9E-02 28 226	1.3E+00 6.9E-02 63
08:16-----08:46	8.1E-03 1.2E+00 1.9E-02 1005	2.5E+00 8.2E-02 3.8E-02 1	1.1E-01 2.6E-02 28 228	1.3E+00 9.3E-02 62
08:21-----08:51	7.9E-03 1.2E+00 2.0E-02 1005	2.3E+00 7.9E-02 3.9E-02 1	6.1E-02 2.3E-02 28 225	1.2E+00 9.1E-02 61
08:26-----08:56	7.6E-03 1.2E+00 2.1E-02 1005	2.3E+00 7.3E-02 4.0E-02 1	4.2E-02 1.4E-02 29 229	1.2E+00 8.9E-02 60
08:31-----09:01	7.4E-03 1.2E+00 2.2E-02 1005	2.3E+00 6.6E-02 4.1E-02 0	3.3E-02 1.3E-02 29 224	1.1E+00 7.9E-02 59
08:36-----09:06	7.6E-03 1.3E+00 2.3E-02 1005	2.3E+00 6.3E-02 4.3E-02 0	1.5E-01 1.3E-02 30 52	1.1E+00 7.8E-02 58
08:41-----09:11	8.2E-03 1.3E+00 2.3E-02 1005	2.5E+00 6.0E-02 4.4E-02 1	2.3E-01 1.4E-02 30 58	1.1E+00 6.9E-02 58
08:46-----09:16	9.0E-03 1.4E+00 2.5E-02 1005	2.4E+00 4.8E-02 4.5E-02 1	3.3E-01 1.6E-02 31 54	1.1E+00 4.5E-02 57
08:51-----09:21	1.0E-02 1.5E+00 2.5E-02 1005	2.5E+00 4.7E-02 4.7E-02 2	3.7E-01 1.6E-02 31 48	1.2E+00 4.4E-02 57
08:56-----09:26	1.1E-02 1.5E+00 2.7E-02 1005	2.5E+00 3.9E-02 4.8E-02 2	4.0E-01 1.9E-02 32 49	1.1E+00 2.7E-02 56
09:01-----09:31	1.3E-02 1.6E+00 2.7E-02 1005	2.5E+00 3.7E-02 4.9E-02 2	4.4E-01 1.5E-02 32 53	1.2E+00 3.1E-02 54

HAWKESBURY #17, CONT'D

PAGE 12

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
09:06-----09:36	1.3E-02 1.6E+00 2.8E-02 1005	2.7E+00 5.2E-02 5.0E-02 2	3.4E-01 2.8E-02 33 58	1.2E+00 3.1E-02 53
09:11-----09:41	1.4E-02 1.6E+00 3.0E-02 1005	2.6E+00 5.4E-02 5.1E-02 2	2.8E-01 2.7E-02 33 73	1.2E+00 3.3E-02 50
09:16-----09:46	1.4E-02 1.5E+00 3.3E-02 1005	2.5E+00 5.2E-02 5.2E-02 2	1.8E-01 2.6E-02 34 96	1.1E+00 3.2E-02 49
09:21-----09:51	1.3E-02 1.5E+00 3.5E-02 1005	2.4E+00 5.1E-02 5.3E-02 2	1.6E-01 2.5E-02 34 110	1.0E+00 3.2E-02 46
09:26-----09:56	1.2E-02 1.5E+00 3.7E-02 1005	2.3E+00 4.7E-02 5.4E-02 2	1.4E-01 2.2E-02 35 115	1.0E+00 3.4E-02 44
09:31-----10:01	1.2E-02 1.5E+00 3.7E-02 1005	2.7E+00 6.4E-02 5.5E-02 2	1.1E-01 3.3E-02 35 116	1.2E+00 4.7E-02 43
09:36-----10:06	1.1E-02 1.5E+00 3.8E-02 1005	2.8E+00 6.0E-02 5.6E-02 2	1.0E-01 2.3E-02 36 119	1.2E+00 6.0E-02 43
09:41-----10:11	1.1E-02 1.5E+00 3.8E-02 1005	2.8E+00 7.5E-02 5.7E-02 1	9.3E-02 3.4E-02 36 120	1.3E+00 6.5E-02 42
09:46-----10:16	1.0E-02 1.5E+00 3.9E-02 1005	2.9E+00 7.8E-02 5.8E-02 1	9.6E-02 3.6E-02 37 116	1.3E+00 6.8E-02 42
09:51-----10:21	1.0E-02 1.5E+00 3.9E-02 1005	2.9E+00 7.9E-02 5.9E-02 2	1.0E-01 3.5E-02 38 123	1.3E+00 6.9E-02 41
09:56-----10:26	9.8E-03 1.5E+00 3.9E-02 1005	3.0E+00 8.8E-02 6.0E-02 2	1.0E-01 4.3E-02 39 118	1.2E+00 7.2E-02 41

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
10:01----10:31	9.5E-03 1.5E+00 4.1E-02 1005	2.5E+00 7.2E-02 6.1E-02 2	1.1E-01 3.5E-02 40 116	1.2E+00 5.4E-02 41
10:06----10:36	9.4E-03 1.6E+00 4.2E-02 1005	2.2E+00 7.0E-02 6.2E-02 2	1.3E-01 3.9E-02 40 112	1.2E+00 4.2E-02 41
10:11----10:41	9.4E-03 1.6E+00 4.2E-02 1005	2.3E+00 5.9E-02 6.2E-02 2	1.3E-01 3.5E-02 41 108	1.2E+00 3.6E-02 40
10:16----10:46	9.3E-03 1.6E+00 4.3E-02 1005	2.3E+00 5.9E-02 6.3E-02 2	1.4E-01 3.5E-02 42 108	1.2E+00 3.5E-02 39

STATISTICS

NUMBER OF READINGS 702

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	1.58E-02	7.41E-03	2.02E-03	6.27E-03	3.38E+00
THC	1.00E-06	1.50E+01	2.87E+00	1.81E+00	2.01E+00	7.64E+00
SO2	1.00E-06	1.27E+00	5.73E-02	1.15E-01	2.33E-02	5.64E+00
THC-CH4	1.00E-06	1.14E+01	1.61E+00	1.36E+00	1.05E+00	7.21E+00
CH4	1.00E-06	2.21E+00	1.22E+00	2.65E-01	9.46E-01	6.67E+00
NOX	1.00E-06	9.01E-01	1.06E-01	1.39E-01	5.60E-02	5.55E+00
NO2	1.00E-06	5.24E-01	3.57E-02	6.35E-02	3.05E-03	6.18E+01
NO	1.00E-06	9.30E-01	8.91E-02	1.34E-01	4.20E-02	5.65E+00
OZONE	1.00E-06	4.82E-02	9.36E-03	1.30E-02	2.16E-03	1.15E+01
SOLAR RAD	1.00E-06	6.61E-02	1.37E-02	2.14E-02	1.16E-04	1.14E+02
TEMP	0	46	23	7		
HUMIDITY	0	122	93	30	64	12
BAROMETER	0	1005	986	136	684	16
WIND SPEED	0	6	1	1	0	10

HAWKESBURY #18

DATE: JUL 14 1979
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: HOLIDAY HOTEL - MCGILL ST.(X3010-X5035); 0.6KM & 125DGS/SRC

TIME	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY	CH4 OZONE BAROMETER
11:58----12:28	2.6E+00 2.4E-02 7.0E-02 3	2.5E-02 2.1E-02 43 7	1.7E+00 4.2E-03 27	7.7E-01 5.8E-02 1005
12:03----12:33	2.4E+00 2.3E-02 7.0E-02 3	3.3E-02 2.2E-02 43 356	1.6E+00 3.6E-03 27	7.5E-01 6.1E-02 1005
12:08----12:38	2.1E+00 2.4E-02 6.9E-02 3	4.4E-02 2.3E-02 43 353	1.6E+00 3.2E-03 27	7.2E-01 6.2E-02 1005
12:13----12:43	2.0E+00 2.6E-02 6.9E-02 3	5.5E-02 2.5E-02 42 347	1.6E+00 3.3E-03 27	6.6E-01 6.3E-02 1005
12:18----12:48	1.9E+00 2.7E-02 6.9E-02 3	6.5E-02 2.6E-02 42 350	1.6E+00 3.0E-03 28	5.9E-01 6.4E-02 1005
12:23----12:53	1.9E+00 2.7E-02 6.8E-02 2	6.4E-02 2.7E-02 42 356	1.6E+00 2.9E-03 28	5.1E-01 6.3E-02 1005
12:28----12:58	1.8E+00 2.6E-02 6.8E-02 2	6.0E-02 2.6E-02 42 359	1.7E+00 2.5E-03 27	4.6E-01 6.2E-02 1005
12:33----13:03	1.8E+00 2.6E-02 7.1E-02 2	5.4E-02 2.6E-02 43 8	1.7E+00 2.3E-03 27	3.9E-01 6.1E-02 1005
12:38----13:08	1.8E+00 2.4E-02 7.4E-02 2	4.7E-02 2.5E-02 43 5	1.6E+00 1.9E-03 26	3.6E-01 6.0E-02 1005
12:43----13:13	1.8E+00 2.2E-02 7.5E-02 2	4.2E-02 2.2E-02 43 359	1.6E+00 1.5E-03 26	3.7E-01 6.0E-02 1005

TIME	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY	CH4 OZONE BAROMETER
12:48-----13:18	1.7E+00 2.1E-02 7.4E-02 2	3.6E-02 2.2E-02 43 347	1.6E+00 1.4E-03 26	3.9E-01 5.9E-02 1005
12:53-----13:23	1.6E+00 1.9E-02 7.4E-02 2	3.0E-02 2.0E-02 43 340	1.6E+00 1.2E-03 26	4.1E-01 5.8E-02 1005
12:58-----13:28	1.7E+00 1.8E-02 7.4E-02 2	2.4E-02 1.9E-02 43 348	1.7E+00 1.1E-03 26	4.0E-01 5.7E-02 1005
13:03-----13:33	1.7E+00 1.6E-02 7.4E-02 2	2.0E-02 1.7E-02 43 357	1.7E+00 9.0E-04 26	4.2E-01 5.6E-02 1005
13:08-----13:38	1.7E+00 1.5E-02 7.4E-02 2	1.5E-02 1.6E-02 43 4	1.7E+00 6.6E-04 26	4.1E-01 5.5E-02 1005
13:13-----13:43	1.8E+00 1.3E-02 7.3E-02 1	7.4E-03 1.5E-02 43 34	1.8E+00 5.3E-04 25	4.0E-01 5.3E-02 1005
13:18-----13:48	1.9E+00 1.2E-02 7.3E-02 2	3.0E-03 1.4E-02 43 71	1.8E+00 2.9E-04 24	3.6E-01 5.2E-02 1005
13:23-----13:53	2.0E+00 1.2E-02 7.3E-02 2	2.0E-03 1.4E-02 43 98	1.9E+00 7.5E-04 23	3.5E-01 5.1E-02 1005
13:28-----13:58	2.1E+00 1.2E-02 7.3E-02 2	5.5E-04 1.3E-02 44 114	1.9E+00 1.9E-03 22	3.5E-01 5.0E-02 1005
13:33-----14:03	1.9E+00 1.2E-02 7.2E-02 2	4.0E-04 1.3E-02 44 133	1.9E+00 1.9E-03 21	3.6E-01 4.9E-02 1005
13:38-----14:08	1.9E+00 1.1E-02 7.2E-02 2	3.6E-04 1.2E-02 44 146	1.9E+00 1.9E-03 20	3.8E-01 4.8E-02 1005

TIME	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY	CH4 OZONE BAROMETER
13:43-----14:13	1.7E+00 9.8E-03 7.2E-02 2	3.6E-04 1.1E-02 44 150	1.8E+00 1.7E-03 19	3.9E-01 4.9E-02 1005
13:48-----14:18	1.7E+00 9.9E-03 7.1E-02 2	4.2E-04 1.1E-02 44 168	1.7E+00 1.7E-03 19	4.6E-01 4.9E-02 1005
13:53-----14:23	1.7E+00 9.4E-03 7.1E-02 2	4.7E-04 1.1E-02 44 170	1.7E+00 1.2E-03 19	4.4E-01 5.0E-02 1005
13:58-----14:28	1.7E+00 8.8E-03 7.0E-02 1	5.3E-04 1.1E-02 44 174	1.7E+00 2.7E-05 19	4.4E-01 5.2E-02 1005
14:03-----14:33	1.8E+00 8.2E-03 7.0E-02 1	6.5E-04 1.1E-02 44 143	1.8E+00 1.0E-06 19	4.3E-01 5.1E-02 1005
14:08-----14:38	1.7E+00 8.3E-03 6.8E-02 1	6.6E-04 1.1E-02 44 141	1.8E+00 1.0E-06 19	4.1E-01 5.1E-02 1005
14:13-----14:43	1.7E+00 8.2E-03 6.6E-02 1	6.2E-04 1.0E-02 44 175	1.8E+00 5.7E-04 19	4.1E-01 5.1E-02 1005
14:18-----14:48	1.7E+00 8.0E-03 6.4E-02 2	5.6E-04 9.8E-03 44 173	1.7E+00 5.7E-04 19	3.8E-01 5.1E-02 1005
14:23-----14:53	1.7E+00 7.9E-03 6.4E-02 2	4.9E-04 9.6E-03 44 163	1.8E+00 5.7E-04 19	4.1E-01 5.0E-02 1005
14:28-----14:58	1.6E+00 8.7E-03 6.3E-02 3	3.5E-04 1.0E-02 44 157	1.8E+00 6.0E-04 18	4.0E-01 4.9E-02 1005
14:33-----15:03	1.6E+00 8.7E-03 6.3E-02 3	1.4E-04 1.0E-02 44 156	1.7E+00 6.0E-04 18	4.1E-01 4.9E-02 1005

TIME	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY	CH4 OZONE BAROMETER
14:38----15:08	1.6E+00 9.3E-03 6.4E-02 3	6.3E-05 1.1E-02 44 150	1.7E+00 6.3E-04 18	4.2E-01 4.9E-02 1005
14:43----15:13	1.6E+00 9.5E-03 6.5E-02 3	5.0E-05 1.1E-02 44 146	1.7E+00 8.0E-05 18	4.4E-01 5.0E-02 1005
14:48----15:18	1.6E+00 9.7E-03 6.6E-02 3	5.0E-05 1.1E-02 44 137	1.7E+00 8.0E-05 18	4.6E-01 5.1E-02 1005
14:53----15:23	1.5E+00 8.7E-03 6.5E-02 3	3.4E-05 1.1E-02 44 139	1.6E+00 8.0E-05 18	4.6E-01 5.2E-02 1005
14:58----15:28	1.5E+00 7.7E-03 6.4E-02 3	1.3E-05 1.0E-02 44 144	1.6E+00 5.0E-05 19	4.9E-01 5.3E-02 1005
15:03----15:33	1.4E+00 8.3E-03 6.2E-02 2	1.4E-05 1.1E-02 44 148	1.6E+00 5.8E-05 19	5.0E-01 5.4E-02 1005
15:08----15:38	1.4E+00 8.6E-03 6.0E-02 2	1.4E-05 1.1E-02 44 140	1.6E+00 3.1E-05 19	5.2E-01 5.5E-02 1004
15:13----15:43	1.5E+00 9.7E-03 5.8E-02 2	2.2E-05 1.2E-02 44 130	1.6E+00 3.1E-05 20	5.0E-01 5.5E-02 1004
15:18----15:48	1.5E+00 9.5E-03 5.7E-02 2	2.2E-05 1.2E-02 44 141	1.6E+00 3.1E-05 20	5.1E-01 5.5E-02 1004
15:23----15:53	1.5E+00 1.1E-02 5.5E-02 3	2.5E-05 1.3E-02 43 145	1.6E+00 3.1E-05 20	5.2E-01 5.4E-02 1004
15:28----15:58	1.4E+00 1.1E-02 5.3E-02 3	7.1E-05 1.4E-02 43 153	1.6E+00 3.1E-05 20	5.1E-01 5.4E-02 1004

TIME	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY	CH4 OZONE BAROMETER
15:33----16:03	1.4E+00 1.1E-02 5.4E-02 3	1.7E-04 1.3E-02 43 157	1.6E+00 4.5E-05 20	5.3E-01 5.3E-02 1004
15:38----16:08	1.4E+00 1.2E-02 5.3E-02 3	2.7E-04 1.2E-02 43 172	1.6E+00 1.2E-03 20	5.2E-01 5.2E-02 1004
15:43----16:13	1.4E+00 1.1E-02 5.2E-02 4	6.0E-04 1.1E-02 43 183	1.6E+00 1.2E-03 20	5.3E-01 5.3E-02 1004
15:48----16:18	1.3E+00 1.1E-02 4.9E-02 4	1.3E-03 1.1E-02 43 175	1.5E+00 1.3E-03 20	5.4E-01 5.2E-02 1004
15:53----16:23	1.4E+00 1.1E-02 4.8E-02 4	1.6E-03 1.1E-02 43 167	1.6E+00 1.3E-03 20	5.4E-01 5.1E-02 1004
15:58----16:28	1.3E+00 1.1E-02 4.7E-02 4	1.9E-03 1.1E-02 43 158	1.5E+00 1.5E-03 20	5.6E-01 5.1E-02 1004
16:03----16:33	1.4E+00 1.1E-02 4.6E-02 4	2.2E-03 1.1E-02 43 161	1.6E+00 1.5E-03 20	5.6E-01 5.1E-02 1004
16:08----16:38	1.3E+00 1.0E-02 4.6E-02 4	2.5E-03 1.1E-02 43 150	1.6E+00 3.1E-04 19	5.7E-01 5.1E-02 1004
16:13----16:43	1.3E+00 1.0E-02 4.4E-02 4	2.5E-03 1.1E-02 43 139	1.6E+00 3.1E-04 19	5.7E-01 5.1E-02 1004
16:18----16:48	1.3E+00 1.0E-02 4.1E-02 4	2.2E-03 1.1E-02 43 140	1.6E+00 4.1E-04 19	5.6E-01 5.2E-02 1004
16:23----16:53	1.3E+00 1.1E-02 3.8E-02 3	2.2E-03 1.1E-02 43 144	1.6E+00 5.8E-04 19	5.5E-01 5.2E-02 1004

TIME	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY	CH4 OZONE BAROMETER
16:28----16:58	1.3E+00 1.0E-02 3.4E-02 4	2.1E-03 1.1E-02 43 145	1.6E+00 4.8E-04 19	5.6E-01 5.2E-02 1004
16:33----17:03	1.3E+00 1.1E-02 2.9E-02 4	2.0E-03 1.1E-02 43 136	1.6E+00 5.2E-04 20	5.6E-01 5.2E-02 1004
16:38----17:08	1.4E+00 1.1E-02 2.5E-02 4	1.8E-03 1.2E-02 42 133	1.5E+00 5.2E-04 20	5.6E-01 5.1E-02 1004
16:43----17:13	1.4E+00 1.2E-02 2.2E-02 4	1.7E-03 1.3E-02 42 125	1.6E+00 6.3E-04 20	5.7E-01 5.1E-02 1004
16:48----17:18	1.4E+00 1.2E-02 2.0E-02 4	1.6E-03 1.3E-02 42 125	1.6E+00 4.5E-04 19	5.9E-01 5.1E-02 1004
16:53----17:23	1.4E+00 1.1E-02 1.9E-02 4	1.4E-03 1.2E-02 42 126	1.6E+00 2.1E-04 19	6.0E-01 5.3E-02 1004
16:58----17:28	1.4E+00 1.1E-02 2.0E-02 4	1.4E-03 1.2E-02 42 130	1.6E+00 1.9E-04 20	6.0E-01 5.4E-02 1004
17:03----17:33	1.4E+00 1.1E-02 2.2E-02 4	1.3E-03 1.2E-02 42 132	1.6E+00 1.3E-04 20	6.1E-01 5.5E-02 1004
17:08----17:38	1.4E+00 1.2E-02 2.5E-02 4	1.3E-03 1.3E-02 42 138	1.7E+00 1.8E-04 20	6.4E-01 5.6E-02 1004
17:13----17:43	1.4E+00 1.2E-02 2.7E-02 4	1.4E-03 1.4E-02 42 144	1.6E+00 1.3E-04 21	6.4E-01 5.8E-02 1004
17:18----17:48	1.4E+00 1.2E-02 2.9E-02 4	1.7E-03 1.4E-02 42 144	1.6E+00 1.3E-04 21	6.5E-01 6.1E-02 1004

HAWKESBURY #18, CONT'D

PAGE 7

TIME	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY	CH4 OZONE BAROMETER
17:23----17:53	1.4E+00 1.3E-02 2.9E-02 4	2.2E-03 1.5E-02 42 137	1.6E+00 4.4E-04 22	6.8E-01 6.2E-02 1004
17:28----17:58	1.5E+00 1.5E-02 2.8E-02 5	2.7E-03 1.7E-02 41 133	1.7E+00 4.5E-04 22	7.3E-01 6.3E-02 1004
17:33----18:03	1.5E+00 1.5E-02 2.7E-02 5	3.0E-03 1.7E-02 41 131	1.7E+00 4.5E-04 23	7.7E-01 6.6E-02 1004
17:38----18:08	1.6E+00 1.4E-02 2.5E-02 5	3.4E-03 1.6E-02 41 128	1.8E+00 3.9E-04 23	8.0E-01 6.9E-02 1004
17:43----18:13	1.7E+00 1.4E-02 2.3E-02 5	3.7E-03 1.6E-02 41 127	1.8E+00 3.4E-04 24	8.2E-01 7.1E-02 1004

STATISTICS

NUMBER OF READINGS 375

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	4.72E-01	4.33E+00	1.66E+00	6.28E-01	1.55E+00	1.46E+00
SO2	1.00E-06	8.65E-02	9.59E-03	1.95E-02	5.99E-04	3.28E+01
THC-CH4	6.66E-01	5.65E+00	1.69E+00	5.09E-01	1.62E+00	1.34E+00
CH4	1.00E-06	1.07E+00	5.36E-01	2.04E-01	3.79E-01	7.11E+00
NOX	3.22E-03	4.75E-02	1.37E-02	7.23E-03	1.21E-02	1.64E+00
NO2	1.00E-06	4.90E-02	1.46E-02	6.74E-03	1.19E-02	3.24E+00
NO	1.00E-06	3.39E-02	1.03E-03	3.08E-03	1.20E-05	3.50E+01
OZONE	3.83E-02	8.32E-02	5.54E-02	7.33E-03	5.50E-02	1.13E+00
SOLAR RAD	1.51E-02	8.03E-02	5.40E-02	2.00E-02	4.91E-02	1.61E+00
TEMP	39	45	43	1		
HUMIDITY	17	32	22	3	22	1
BAROMETER	1004	1005	1005	0	1005	1
WIND SPEED	0	10	4	2	3	2

HAWKESBURY #20

DATE: JUL 14 1979
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: CRNR KIPLING & MAIN ST.(X2955-X5065): .05KM & 180DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
20:50----21:20	9.9E-04 2.6E-01 2.1E-02 1005	2.5E+00 1.6E-01 3.2E-05 1	2.0E-01 7.9E-02 29 120	1.8E+00 1.0E-01 72
20:53----21:23	9.3E-04 2.5E-01 2.0E-02 1005	2.9E+00 1.7E-01 1.8E-05 1	1.9E-01 8.8E-02 28 118	1.9E+00 1.0E-01 72
20:56----21:26	8.4E-04 2.6E-01 2.0E-02 1005	3.2E+00 1.7E-01 8.5E-06 1	1.8E-01 8.9E-02 28 115	1.9E+00 9.8E-02 72
20:59----21:29	7.9E-04 3.0E-01 2.0E-02 1005	3.3E+00 1.7E-01 3.6E-06 1	1.7E-01 9.1E-02 28 111	2.7E+00 9.9E-02 72
21:02----21:32	7.4E-04 3.4E-01 2.0E-02 1005	3.5E+00 1.7E-01 1.5E-06 1	1.7E-01 8.5E-02 28 108	3.2E+00 1.1E-01 72
21:05----21:35	6.8E-04 3.8E-01 2.0E-02 1005	3.8E+00 1.7E-01 1.0E-06 1	1.8E-01 8.6E-02 28 103	3.1E+00 1.1E-01 71
21:08----21:38	6.2E-04 4.5E-01 2.1E-02 1005	3.9E+00 1.5E-01 1.0E-06 1	1.8E-01 7.3E-02 28 104	3.9E+00 9.3E-02 71
21:11----21:41	5.6E-04 5.2E-01 2.2E-02 1005	4.1E+00 1.4E-01 1.0E-06 2	1.8E-01 6.8E-02 28 104	4.3E+00 8.5E-02 71
21:14----21:44	5.1E-04 5.4E-01 2.1E-02 1005	4.5E+00 1.5E-01 1.0E-06 2	1.9E-01 7.6E-02 28 107	4.5E+00 8.9E-02 72
21:17----21:47	4.7E-04 5.6E-01 2.0E-02 1005	4.7E+00 1.5E-01 1.0E-06 2	2.0E-01 7.8E-02 28 107	4.6E+00 9.2E-02 72

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
21:20----21:50	4.3E-04 6.2E-01 2.1E-02 1005	4.7E+00 1.3E-01 1.0E-06 3	2.1E-01 6.8E-02 28 108	4.6E+00 7.3E-02 72
21:23----21:53	3.9E-04 6.6E-01 2.3E-02 1005	4.9E+00 1.2E-01 1.0E-06 3	2.3E-01 6.0E-02 28 108	4.5E+00 6.8E-02 72
21:26----21:56	3.6E-04 6.7E-01 2.2E-02 1005	4.7E+00 1.2E-01 1.0E-06 3	2.4E-01 6.3E-02 28 108	4.7E+00 7.3E-02 72
21:29----21:59	3.2E-04 6.6E-01 2.2E-02 1005	4.6E+00 1.3E-01 1.0E-06 3	2.6E-01 6.7E-02 28 109	4.0E+00 7.7E-02 73
21:32----22:02	2.9E-04 6.5E-01 2.2E-02 1005	5.1E+00 1.3E-01 1.0E-06 2	2.7E-01 7.8E-02 28 110	3.8E+00 7.2E-02 73
21:35----22:05	2.9E-04 6.5E-01 2.2E-02 1005	5.0E+00 1.4E-01 1.0E-06 2	2.8E-01 7.7E-02 27 113	3.9E+00 7.8E-02 73
21:38----22:08	2.9E-04 6.5E-01 2.0E-02 1005	5.1E+00 1.5E-01 1.0E-06 2	2.7E-01 7.4E-02 27 114	3.3E+00 9.9E-02 73
21:41----22:11	2.8E-04 6.2E-01 1.9E-02 1005	5.2E+00 1.6E-01 1.0E-06 2	2.5E-01 7.9E-02 27 118	3.0E+00 9.8E-02 73
21:44----22:14	2.8E-04 6.2E-01 2.0E-02 1005	5.2E+00 1.5E-01 1.0E-06 1	2.3E-01 7.4E-02 27 119	3.1E+00 9.8E-02 73
21:47----22:17	2.7E-04 6.1E-01 1.9E-02 1005	5.5E+00 1.5E-01 1.0E-06 1	2.1E-01 7.2E-02 27 123	3.5E+00 1.1E-01 72
21:50----22:20	2.7E-04 6.0E-01 1.9E-02 1005	5.3E+00 1.7E-01 1.0E-06 1	1.9E-01 8.1E-02 27 121	3.4E+00 1.1E-01 72

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
21:53-----22:23	2.6E-04 5.8E-01 2.0E-02 1005	4.6E+00 1.7E-01 1.0E-06 1	1.7E-01 8.6E-02 27 124	3.3E+00 1.0E-01 72
21:56-----22:26	2.6E-04 5.5E-01 2.2E-02 1005	4.4E+00 1.5E-01 1.0E-06 2	1.4E-01 8.0E-02 27 129	3.0E+00 9.2E-02 72
21:59-----22:29	2.5E-04 5.3E-01 2.4E-02 1005	4.6E+00 1.5E-01 1.0E-06 2	1.2E-01 8.7E-02 27 129	2.9E+00 8.6E-02 72
22:02-----22:32	2.5E-04 5.0E-01 2.5E-02 1005	4.0E+00 1.4E-01 1.0E-06 2	9.3E-02 7.6E-02 27 129	2.6E+00 8.9E-02 72
22:05-----22:35	2.4E-04 4.8E-01 2.7E-02 1005	3.8E+00 1.3E-01 1.0E-06 2	6.8E-02 6.9E-02 27 129	2.4E+00 8.1E-02 72
22:08-----22:38	2.3E-04 4.7E-01 2.7E-02 1005	4.2E+00 1.3E-01 1.0E-06 2	4.4E-02 6.9E-02 27 129	2.4E+00 9.7E-02 72
22:11-----22:41	2.4E-04 4.8E-01 2.7E-02 1005	4.4E+00 1.5E-01 1.0E-06 2	3.5E-02 6.0E-02 27 129	2.7E+00 1.4E-01 72
22:14-----22:44	2.2E-04 4.7E-01 2.7E-02 1005	4.1E+00 1.6E-01 1.0E-06 2	3.2E-02 5.5E-02 27 127	2.5E+00 1.4E-01 72
22:17-----22:47	2.2E-04 4.7E-01 2.8E-02 1005	3.7E+00 1.6E-01 1.0E-06 3	2.9E-02 5.5E-02 27 127	2.1E+00 1.4E-01 72
22:20-----22:50	2.3E-04 4.8E-01 2.7E-02 1005	3.7E+00 1.5E-01 1.0E-06 2	2.8E-02 5.1E-02 27 127	2.2E+00 1.4E-01 73
22:23-----22:53	2.3E-04 4.9E-01 2.5E-02 1006	3.9E+00 1.6E-01 1.0E-06 3	2.7E-02 4.9E-02 27 127	2.3E+00 1.5E-01 73

HAWKESBURY #20, CONT'D

PAGE 4

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
22:26----22:56	2.3E-04 5.0E-01 2.4E-02 1006	4.0E+00 1.7E-01 1.3E-06 3	2.8E-02 5.0E-02 27 128	2.3E+00 1.6E-01 73
22:29----22:59	2.2E-04 5.2E-01 2.3E-02 1006	3.9E+00 1.6E-01 1.3E-06 3	3.6E-02 4.0E-02 27 127	2.5E+00 1.6E-01 74
22:32----23:02	2.4E-04 5.6E-01 2.1E-02 1006	4.2E+00 1.7E-01 1.3E-06 2	5.5E-02 4.6E-02 27 126	2.7E+00 1.6E-01 74
22:35----23:05	2.3E-04 6.0E-01 1.9E-02 1006	4.5E+00 1.8E-01 1.3E-06 3	7.9E-02 5.7E-02 27 125	3.0E+00 1.6E-01 75
22:38----23:08	2.1E-04 6.2E-01 1.9E-02 1006	3.9E+00 1.8E-01 1.3E-06 3	1.1E-01 6.0E-02 27 123	2.9E+00 1.5E-01 76
22:41----23:11	2.0E-04 6.4E-01 1.9E-02 1006	3.5E+00 1.7E-01 1.3E-06 3	1.3E-01 6.2E-02 26 122	2.7E+00 1.1E-01 77
22:44----23:14	1.9E-04 6.8E-01 1.7E-02 1006	3.7E+00 1.7E-01 1.3E-06 3	1.5E-01 6.7E-02 26 124	2.9E+00 1.2E-01 78
22:47----23:17	1.7E-04 7.0E-01 1.7E-02 1006	3.8E+00 1.6E-01 1.6E-06 3	1.7E-01 7.5E-02 26 125	2.8E+00 1.1E-01 78
22:50----23:20	1.4E-04 7.0E-01 1.8E-02 1006	3.6E+00 1.6E-01 1.6E-06 3	1.8E-01 7.2E-02 26 127	2.8E+00 9.9E-02 79
22:53----23:23	1.5E-04 7.0E-01 1.9E-02 1006	4.3E+00 1.7E-01 1.6E-06 2	1.8E-01 7.9E-02 26 124	2.9E+00 1.1E-01 79
22:56----23:26	1.3E-04 7.1E-01 1.9E-02 1006	4.4E+00 1.8E-01 1.2E-06 2	1.9E-01 8.0E-02 26 120	3.1E+00 1.3E-01 79

HAWKESBURY #20, CONT'D

PAGE 5

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
------	----------------------------------	---------------------------------------	--------------------------------------	---------------------------

STATISTICS

NUMBER OF READINGS 157

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	4.40E-03	4.30E-04	4.72E-04	2.10E-04	5.83E+00
THC	1.27E+00	2.89E+01	4.24E+00	3.82E+00	3.33E+00	1.89E+00
SO2	1.81E-02	3.55E-01	1.58E-01	1.03E-01	1.13E-01	2.53E+00
THC-CH4	4.08E-01	1.39E+01	2.97E+00	2.58E+00	2.31E+00	1.95E+00
CH4	1.00E-06	1.14E+00	5.31E-01	2.24E-01	1.98E-01	3.44E+01
NOX	4.13E-02	4.63E-01	1.58E-01	9.32E-02	1.35E-01	1.75E+00
NO2	1.00E-06	5.08E-01	7.05E-02	8.15E-02	8.67E-03	6.96E+01
NO	1.24E-02	6.54E-01	1.11E-01	1.04E-01	7.65E-02	2.41E+00
OZONE	7.49E-03	4.12E-02	2.14E-02	7.48E-03	2.01E-02	1.45E+00
SOLAR RAD	1.00E-06	1.50E-04	6.95E-06	2.37E-05	1.46E-06	3.15E+00
TEMP	26	29	27	1		
HUMIDITY	69	84	74	3	74	1
BAROMETER	1005	1006	1005	0	1005	1
WIND SPEED	0	7	2	2	1	3

HAWKESBURY #21

DATE: JUL 14 1979
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION:
 HAWKESBURY WATERWORKS - MAIN ST.(X2920-X5070); 0.4KM & 270DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
23:38----00:08	4.3E-03 6.7E-01 4.4E-02 1006	1.8E+00 3.0E-02 1.0E-06 6	5.6E-01 2.6E-02 26 96	1.1E+00 6.2E-03 78
23:41----00:11	4.3E-03 6.4E-01 4.5E-02 1006	1.8E+00 2.7E-02 1.0E-06 6	6.4E-01 2.5E-02 25 98	1.1E+00 4.1E-03 80
23:44----00:14	4.4E-03 6.1E-01 4.6E-02 1006	1.8E+00 2.7E-02 1.0E-06 6	6.9E-01 2.6E-02 25 99	1.1E+00 3.3E-03 81
23:47----00:17	4.5E-03 5.8E-01 4.6E-02 1006	1.8E+00 2.7E-02 1.0E-06 5	7.4E-01 2.7E-02 25 101	1.1E+00 2.3E-03 82
23:50----00:20	4.6E-03 5.4E-01 4.5E-02 1006	1.8E+00 2.6E-02 1.0E-06 5	8.3E-01 2.7E-02 25 103	1.2E+00 1.8E-03 82
23:53----00:23	4.7E-03 5.1E-01 4.5E-02 1006	1.8E+00 2.6E-02 1.0E-06 5	9.5E-01 2.7E-02 25 104	1.2E+00 1.8E-03 83
23:56----00:26	4.7E-03 5.1E-01 4.3E-02 1006	1.8E+00 2.7E-02 1.0E-06 4	9.9E-01 2.8E-02 25 106	1.2E+00 2.1E-03 84
23:59----00:29	4.8E-03 5.0E-01 4.2E-02 1006	1.8E+00 2.8E-02 1.0E-06 4	9.9E-01 2.9E-02 25 108	1.2E+00 2.2E-03 85
00:02----00:32	4.9E-03 5.0E-01 4.1E-02 1006	1.8E+00 2.9E-02 1.0E-06 4	1.0E+00 3.0E-02 25 110	1.2E+00 2.1E-03 85
00:05----00:35	4.9E-03 4.8E-01 4.0E-02 1006	1.8E+00 2.9E-02 1.0E-06 4	1.0E+00 3.0E-02 25 113	1.2E+00 1.5E-03 86

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
00:08----00:38	5.0E-03 4.7E-01 3.9E-02 1006	1.8E+00 2.8E-02 1.0E-06 4	9.8E-01 3.0E-02 25 118	1.2E+00 1.3E-03 87
00:11----00:41	5.0E-03 4.6E-01 3.9E-02 1006	1.7E+00 2.8E-02 1.0E-06 4	9.7E-01 3.0E-02 24 118	1.1E+00 1.3E-03 88
00:14----00:44	5.0E-03 4.4E-01 3.8E-02 1006	1.7E+00 2.8E-02 1.0E-06 4	1.0E+00 3.0E-02 24 118	1.1E+00 1.2E-03 89
00:17----00:47	5.1E-03 4.4E-01 3.7E-02 1006	1.7E+00 3.1E-02 1.0E-06 4	1.1E+00 3.3E-02 24 119	1.1E+00 1.4E-03 90
00:20----00:50	5.1E-03 4.3E-01 3.6E-02 1006	1.7E+00 3.1E-02 1.0E-06 4	1.2E+00 3.4E-02 24 119	1.1E+00 1.4E-03 91
00:23----00:53	5.1E-03 4.3E-01 3.6E-02 1006	1.7E+00 3.1E-02 1.0E-06 5	1.5E+00 3.4E-02 24 120	1.2E+00 1.2E-03 92
00:26----00:56	5.1E-03 4.1E-01 3.6E-02 1006	1.7E+00 3.3E-02 1.0E-06 5	1.6E+00 3.4E-02 24 124	1.2E+00 2.0E-03 92
00:29----00:59	5.1E-03 3.9E-01 3.6E-02 1006	1.7E+00 3.2E-02 1.0E-06 5	1.6E+00 3.4E-02 24 125	1.1E+00 1.7E-03 93
00:32----01:02	5.2E-03 3.8E-01 3.5E-02 1006	1.7E+00 3.2E-02 1.0E-06 4	1.6E+00 3.4E-02 24 126	1.1E+00 1.5E-03 94
00:35----01:05	5.2E-03 3.8E-01 3.5E-02 1006	1.7E+00 3.1E-02 1.0E-06 4	1.6E+00 3.4E-02 24 127	1.1E+00 1.5E-03 95
00:38----01:08	5.2E-03 3.8E-01 3.4E-02 1006	1.7E+00 3.1E-02 1.0E-06 4	1.6E+00 3.4E-02 24 125	1.1E+00 1.6E-03 95

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
00:41----01:11	5.2E-03 3.9E-01 3.4E-02 1006	1.7E+00 3.2E-02 1.0E-06 4	1.6E+00 3.4E-02 24 125	1.1E+00 1.7E-03 96
00:44----01:14	5.2E-03 3.9E-01 3.4E-02 1006	1.7E+00 3.2E-02 1.0E-06 4	1.6E+00 3.3E-02 24 127	1.1E+00 2.8E-03 97
00:47----01:17	5.2E-03 3.8E-01 3.3E-02 1006	1.7E+00 2.9E-02 1.0E-06 4	1.6E+00 2.9E-02 24 128	1.1E+00 3.2E-03 97
00:50----01:20	5.2E-03 3.8E-01 3.3E-02 1006	1.6E+00 2.9E-02 1.0E-06 4	1.4E+00 2.9E-02 24 127	1.1E+00 3.5E-03 98
00:53----01:23	5.3E-03 3.8E-01 3.3E-02 1006	1.6E+00 2.9E-02 1.0E-06 4	1.1E+00 2.9E-02 24 126	1.1E+00 3.7E-03 98
00:56----01:26	5.3E-03 3.8E-01 3.2E-02 1006	1.6E+00 2.7E-02 1.0E-06 4	9.9E-01 2.7E-02 24 121	1.1E+00 2.7E-03 99
00:59----01:29	5.3E-03 3.7E-01 3.2E-02 1006	1.6E+00 2.7E-02 1.0E-06 4	8.8E-01 2.7E-02 24 121	1.1E+00 2.7E-03 99
01:02----01:32	5.3E-03 3.7E-01 3.2E-02 1006	1.5E+00 2.6E-02 1.0E-06 4	8.3E-01 2.6E-02 24 121	1.0E+00 2.7E-03 100
01:05----01:35	5.3E-03 3.7E-01 3.1E-02 1006	1.5E+00 2.6E-02 1.0E-06 3	7.8E-01 2.6E-02 24 121	1.1E+00 2.9E-03 100
01:08----01:38	5.3E-03 3.6E-01 3.1E-02 1006	1.5E+00 3.1E-02 1.0E-06 3	7.5E-01 2.8E-02 24 123	1.0E+00 7.3E-03 101
01:11----01:41	5.3E-03 3.7E-01 3.1E-02 1006	1.5E+00 3.0E-02 1.0E-06 4	7.0E-01 2.8E-02 24 124	1.1E+00 1.1E-02 101

HAWKESBURY #21, CONT'D

PAGE 4

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
01:14----01:44	5.3E-03 3.6E-01 3.1E-02 1006	1.4E+00 3.0E-02 1.0E-06 4	6.4E-01 2.6E-02 24 124	1.1E+00 1.4E-02 101
01:17----01:47	5.3E-03 3.6E-01 3.1E-02 1006	1.5E+00 3.1E-02 1.0E-06 3	5.7E-01 2.6E-02 24 123	1.1E+00 1.4E-02 102
01:20----01:50	5.3E-03 3.6E-01 3.1E-02 1006	1.4E+00 2.9E-02 1.0E-06 4	5.3E-01 2.5E-02 24 124	1.1E+00 1.4E-02 102
01:23----01:53	5.3E-03 3.5E-01 3.1E-02 1006	1.4E+00 2.9E-02 1.0E-06 4	4.8E-01 2.5E-02 24 126	1.1E+00 1.4E-02 102
01:26----01:56	5.3E-03 3.4E-01 3.1E-02 1006	1.4E+00 2.9E-02 1.0E-06 4	4.4E-01 2.6E-02 23 128	1.1E+00 1.4E-02 102
01:29----01:59	5.3E-03 3.4E-01 3.1E-02 1006	1.4E+00 2.8E-02 1.0E-06 4	4.2E-01 2.5E-02 23 128	1.1E+00 1.4E-02 102
01:32----02:02	5.3E-03 3.4E-01 3.1E-02 1006	1.4E+00 3.0E-02 1.0E-06 4	3.9E-01 2.8E-02 23 132	1.0E+00 1.4E-02 102
01:35----02:05	5.3E-03 3.3E-01 3.1E-02 1006	1.4E+00 2.9E-02 1.0E-06 5	3.5E-01 2.7E-02 23 132	1.0E+00 1.4E-02 102
01:38----02:08	5.3E-03 3.3E-01 3.1E-02 1006	1.4E+00 2.6E-02 1.0E-06 5	3.2E-01 2.6E-02 23 132	1.0E+00 9.5E-03 102
01:41----02:11	5.3E-03 3.2E-01 3.1E-02 1006	1.4E+00 2.5E-02 1.0E-06 5	2.8E-01 2.4E-02 23 132	9.2E-01 7.2E-03 102
01:44----02:14	5.3E-03 3.2E-01 3.1E-02 1006	1.4E+00 2.6E-02 1.0E-06 5	2.5E-01 2.5E-02 23 133	1.0E+00 6.8E-03 102

HAWKESBURY #21, CONT'D

PAGE 5

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
01:47----02:17	5.3E-03 3.1E-01 3.1E-02 1006	1.4E+00 2.5E-02 1.0E-06 5	3.4E-01 2.5E-02 23 132	9.9E-01 6.8E-03 102
01:50----02:20	5.3E-03 3.1E-01 3.1E-02 1006	1.4E+00 2.4E-02 1.0E-06 5	5.0E-01 2.4E-02 23 132	1.0E+00 5.8E-03 102
01:53----02:23	5.3E-03 3.1E-01 3.1E-02 1006	1.4E+00 2.4E-02 1.0E-06 6	5.9E-01 2.2E-02 23 132	1.0E+00 8.1E-03 102
01:56----02:26	5.3E-03 3.1E-01 3.1E-02 1006	1.4E+00 2.3E-02 1.0E-06 6	6.2E-01 2.1E-02 23 134	9.9E-01 8.1E-03 102
01:59----02:29	5.3E-03 3.1E-01 3.1E-02 1006	1.4E+00 2.3E-02 1.0E-06 6	6.5E-01 2.1E-02 23 133	9.9E-01 8.2E-03 102
02:02----02:32	5.3E-03 3.1E-01 3.1E-02 1006	1.4E+00 2.1E-02 1.0E-06 6	6.9E-01 1.9E-02 23 131	9.9E-01 8.4E-03 102
02:05----02:35	5.4E-03 3.0E-01 3.1E-02 1006	1.4E+00 2.1E-02 1.0E-06 6	7.2E-01 1.8E-02 23 132	9.8E-01 8.4E-03 102
02:08----02:38	5.4E-03 3.0E-01 3.1E-02 1006	1.3E+00 2.2E-02 1.0E-06 6	7.5E-01 1.9E-02 23 131	9.7E-01 8.2E-03 102
02:11----02:41	5.4E-03 3.0E-01 3.1E-02 1006	1.3E+00 2.1E-02 1.0E-06 7	7.7E-01 2.0E-02 23 132	9.5E-01 6.9E-03 102
02:14----02:44	5.5E-03 2.8E-01 3.1E-02 1006	1.3E+00 1.8E-02 1.0E-06 7	7.7E-01 2.0E-02 23 132	8.6E-01 2.7E-03 102
02:17----02:47	5.5E-03 2.8E-01 3.1E-02 1006	1.3E+00 1.7E-02 1.0E-06 7	6.6E-01 1.9E-02 23 133	8.4E-01 2.7E-03 102

HAWKESBURY #21, CONT'D

PAGE 6

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
02:20----02:50	5.5E-03 2.7E-01 3.1E-02 1006	1.3E+00 1.7E-02 1.0E-06 8	4.7E-01 1.9E-02 23 134	8.3E-01 2.7E-03 102
02:23----02:53	5.5E-03 2.6E-01 3.0E-02 1006	1.3E+00 1.6E-02 1.0E-06 8	3.7E-01 2.0E-02 23 135	8.2E-01 4.5E-04 102
02:26----02:56	5.6E-03 2.6E-01 3.0E-02 1006	1.2E+00 1.6E-02 1.0E-06 7	3.2E-01 1.9E-02 23 134	8.2E-01 4.5E-04 102
02:29----02:59	5.6E-03 2.5E-01 3.0E-02 1006	1.2E+00 1.4E-02 1.0E-06 8	2.8E-01 1.8E-02 23 133	8.2E-01 3.2E-04 101
02:32----03:02	5.6E-03 2.5E-01 3.0E-02 1006	1.2E+00 1.4E-02 1.0E-06 8	2.2E-01 1.8E-02 23 133	8.1E-01 1.2E-04 101
02:35----03:05	5.6E-03 2.4E-01 3.0E-02 1006	1.2E+00 1.4E-02 1.0E-06 8	1.8E-01 1.8E-02 22 132	8.3E-01 1.2E-04 101
02:38----03:08	5.6E-03 2.3E-01 3.0E-02 1006	1.2E+00 1.0E-02 1.0E-06 8	1.7E-01 1.5E-02 22 132	8.5E-01 1.0E-06 100
02:41----03:11	5.6E-03 2.2E-01 2.9E-02 1006	1.2E+00 1.0E-02 1.0E-06 8	2.4E-01 1.5E-02 22 131	8.8E-01 1.0E-06 100
02:44----03:14	5.6E-03 2.2E-01 2.9E-02 1006	1.3E+00 1.1E-02 1.0E-06 8	3.3E-01 1.6E-02 22 130	9.1E-01 1.0E-06 100
02:47----03:17	5.7E-03 2.2E-01 2.9E-02 1006	1.3E+00 1.1E-02 1.0E-06 8	4.5E-01 1.6E-02 22 129	9.3E-01 1.0E-06 100
02:50----03:20	5.7E-03 2.1E-01 2.9E-02 1006	1.3E+00 1.1E-02 1.0E-06 8	5.3E-01 1.6E-02 22 128	9.5E-01 2.0E-04 100

HAWKESBURY #21, CONT'D

PAGE 7

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
02:53----03:23	5.7E-03 2.1E-01 2.8E-02 1006	1.3E+00 1.1E-02 1.0E-06 8	5.9E-01 1.6E-02 22 127	9.6E-01 2.0E-04 99
02:56----03:26	5.7E-03 2.1E-01 2.8E-02 1006	1.3E+00 1.1E-02 1.0E-06 8	6.4E-01 1.6E-02 22 127	9.7E-01 2.0E-04 99
02:59----03:29	5.7E-03 2.1E-01 2.8E-02 1006	1.3E+00 1.1E-02 1.0E-06 7	6.9E-01 1.7E-02 22 127	9.8E-01 2.0E-04 99
03:02----03:32	5.8E-03 2.0E-01 2.8E-02 1006	1.3E+00 1.0E-02 1.0E-06 7	7.4E-01 1.5E-02 22 127	9.9E-01 2.0E-04 99
03:05----03:35	5.8E-03 2.0E-01 2.7E-02 1006	1.3E+00 9.9E-03 1.0E-06 7	7.9E-01 1.5E-02 22 126	9.9E-01 2.0E-04 99
03:08----03:38	5.8E-03 2.1E-01 2.7E-02 1006	1.3E+00 1.1E-02 1.0E-06 7	8.1E-01 1.7E-02 22 125	1.0E+00 2.0E-04 99
03:11----03:41	5.8E-03 2.1E-01 2.7E-02 1006	1.3E+00 1.1E-02 1.0E-06 7	7.6E-01 1.7E-02 22 125	9.9E-01 2.0E-04 99
03:14----03:44	5.8E-03 2.0E-01 2.7E-02 1006	1.3E+00 1.1E-02 1.0E-06 7	6.8E-01 1.7E-02 22 126	9.6E-01 3.6E-04 99
03:17----03:47	5.8E-03 2.0E-01 2.7E-02 1006	1.3E+00 1.1E-02 1.0E-06 7	5.8E-01 1.7E-02 22 128	9.5E-01 3.6E-04 99
03:20----03:50	5.8E-03 1.9E-01 2.7E-02 1006	1.2E+00 1.1E-02 1.0E-06 6	5.1E-01 1.8E-02 22 128	9.3E-01 1.6E-04 99
03:23----03:53	5.8E-03 1.9E-01 2.7E-02 1006	1.2E+00 1.1E-02 1.0E-06 6	4.5E-01 1.8E-02 22 128	9.2E-01 1.6E-04 99

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
03:26----03:56	5.8E-03 1.8E-01 2.7E-02 1006	1.2E+00 1.0E-02 1.1E-06 7	4.0E-01 1.7E-02 22 129	9.1E-01 1.6E-04 99
03:29----03:59	5.8E-03 1.8E-01 2.7E-02 1006	1.2E+00 1.0E-02 1.1E-06 7	3.4E-01 1.7E-02 22 129	9.0E-01 1.6E-04 99
03:32----04:02	5.8E-03 1.7E-01 2.7E-02 1006	1.2E+00 9.6E-03 1.1E-06 8	3.0E-01 1.7E-02 22 130	8.9E-01 1.6E-04 98
03:35----04:05	5.9E-03 1.7E-01 2.7E-02 1006	1.1E+00 9.2E-03 1.1E-06 8	2.6E-01 1.6E-02 22 130	8.8E-01 1.6E-04 98
03:38----04:08	5.9E-03 1.6E-01 2.7E-02 1006	1.1E+00 1.5E-02 1.1E-06 8	3.5E-01 2.3E-02 22 130	8.6E-01 1.6E-04 98
03:41----04:11	5.8E-03 1.5E-01 2.6E-02 1006	1.1E+00 1.5E-02 1.1E-06 8	4.6E-01 2.3E-02 22 130	8.6E-01 1.6E-04 98
03:44----04:14	5.9E-03 1.5E-01 2.6E-02 1006	1.1E+00 1.7E-02 1.2E-06 8	5.6E-01 2.6E-02 22 129	8.8E-01 1.0E-06 98
03:47----04:17	5.9E-03 1.4E-01 2.6E-02 1006	1.2E+00 1.7E-02 1.7E-06 8	6.1E-01 2.6E-02 21 127	8.8E-01 1.0E-06 98
03:50----04:20	5.9E-03 1.4E-01 2.5E-02 1006	1.2E+00 1.7E-02 2.4E-06 8	6.7E-01 2.6E-02 21 127	9.0E-01 1.0E-06 98
03:53----04:23	5.9E-03 1.4E-01 2.5E-02 1006	1.2E+00 1.7E-02 2.8E-06 8	7.0E-01 2.5E-02 21 126	9.0E-01 4.1E-04 98
03:56----04:26	5.9E-03 1.4E-01 2.5E-02 1006	1.2E+00 1.7E-02 2.7E-06 8	7.3E-01 2.6E-02 21 125	9.2E-01 4.1E-04 98

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
03:59----04:29	6.0E-03 1.4E-01 2.5E-02 1006	1.2E+00 1.7E-02 2.7E-06 7	7.5E-01 2.5E-02 21 125	9.2E-01 1.6E-03 98
04:02----04:32	6.0E-03 1.5E-01 2.4E-02 1006	1.5E+00 2.0E-02 2.7E-06 7	7.6E-01 2.4E-02 21 125	9.5E-01 6.6E-03 98
04:05----04:35	6.0E-03 1.5E-01 2.4E-02 1006	1.5E+00 2.1E-02 2.7E-06 7	7.4E-01 2.4E-02 21 125	9.4E-01 7.4E-03 98
04:08----04:38	6.0E-03 1.4E-01 2.4E-02 1006	1.5E+00 1.4E-02 2.7E-06 7	6.2E-01 1.6E-02 21 125	9.2E-01 7.4E-03 98
04:11----04:41	6.0E-03 1.4E-01 2.4E-02 1006	1.4E+00 1.3E-02 2.7E-06 7	5.0E-01 1.6E-02 21 125	9.1E-01 7.4E-03 97
04:14----04:44	6.0E-03 1.4E-01 2.5E-02 1007	1.4E+00 9.6E-03 2.6E-06 7	4.2E-01 1.2E-02 21 126	9.0E-01 7.4E-03 97
04:17----04:47	6.0E-03 1.3E-01 2.4E-02 1007	1.4E+00 1.0E-02 2.3E-06 7	4.0E-01 1.3E-02 21 125	9.0E-01 7.4E-03 97
04:20----04:50	6.0E-03 1.3E-01 2.5E-02 1007	1.4E+00 1.0E-02 1.6E-06 7	3.8E-01 1.3E-02 21 126	8.7E-01 7.4E-03 96
04:23----04:53	6.0E-03 1.3E-01 2.5E-02 1007	1.4E+00 1.2E-02 1.2E-06 7	3.6E-01 1.3E-02 21 126	8.7E-01 8.1E-03 96
04:26----04:56	6.0E-03 1.3E-01 2.5E-02 1007	1.4E+00 1.2E-02 1.2E-06 8	3.6E-01 1.3E-02 21 127	8.6E-01 8.1E-03 96
04:29----04:59	6.1E-03 1.2E-01 2.5E-02 1007	1.4E+00 1.1E-02 1.2E-06 8	3.6E-01 1.4E-02 21 128	8.5E-01 7.0E-03 96

HAWKESBURY #21, CONT'D

PAGE 10

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
04:32-----05:02	6.1E-03 1.1E-01 2.5E-02 1007	1.1E+00 8.7E-03 1.3E-06 8	4.0E-01 1.5E-02 21 129	8.3E-01 1.9E-03 96
04:35-----05:05	6.1E-03 1.1E-01 2.4E-02 1007	1.1E+00 7.8E-03 1.8E-06 8	4.9E-01 1.5E-02 21 128	8.3E-01 1.2E-03 96
04:38-----05:08	6.1E-03 1.2E-01 2.4E-02 1007	1.1E+00 8.8E-03 3.1E-06 7	6.0E-01 1.6E-02 21 126	8.4E-01 1.2E-03 96
04:41-----05:11	6.1E-03 1.2E-01 2.4E-02 1007	1.1E+00 9.5E-03 6.4E-06 7	7.1E-01 1.7E-02 21 125	8.4E-01 1.2E-03 96
04:44-----05:14	6.1E-03 1.2E-01 2.3E-02 1007	1.1E+00 9.7E-03 1.3E-05 7	7.7E-01 1.7E-02 21 126	8.4E-01 1.2E-03 96
04:47-----05:17	6.1E-03 1.2E-01 2.4E-02 1007	1.1E+00 8.6E-03 2.3E-05 7	8.0E-01 1.6E-02 21 127	8.4E-01 1.2E-03 96
04:50-----05:20	6.1E-03 1.2E-01 2.3E-02 1007	1.1E+00 8.6E-03 3.9E-05 7	8.3E-01 1.6E-02 21 128	8.4E-01 1.2E-03 96
04:53-----05:23	6.1E-03 1.2E-01 2.3E-02 1007	1.1E+00 6.7E-03 6.3E-05 7	8.9E-01 1.5E-02 21 129	8.4E-01 1.4E-03 96
04:56-----05:26	6.2E-03 1.2E-01 2.3E-02 1007	1.1E+00 6.7E-03 9.4E-05 6	9.3E-01 1.4E-02 21 128	8.4E-01 1.7E-03 96
04:59-----05:29	6.1E-03 1.2E-01 2.3E-02 1007	1.1E+00 6.6E-03 1.4E-04 6	9.7E-01 1.4E-02 21 126	8.4E-01 1.7E-03 97
05:02-----05:32	6.2E-03 1.2E-01 2.3E-02 1007	1.1E+00 7.0E-03 1.9E-04 6	9.9E-01 1.4E-02 21 125	8.4E-01 1.7E-03 97

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
05:05----05:35	6.1E-03 1.1E-01 2.3E-02 1007	1.1E+00 6.5E-03 2.6E-04 6	9.6E-01 1.4E-02 21 127	8.4E-01 1.7E-03 97
05:08----05:38	6.2E-03 1.0E-01 2.4E-02 1007	1.1E+00 5.1E-03 3.5E-04 6	8.9E-01 1.3E-02 21 130	8.3E-01 1.7E-03 97
05:11----05:41	6.2E-03 9.6E-02 2.4E-02 1007	1.1E+00 4.5E-03 4.6E-04 7	7.8E-01 1.2E-02 21 131	8.2E-01 1.7E-03 97
05:14----05:44	6.2E-03 9.3E-02 2.4E-02 1007	1.1E+00 4.1E-03 5.8E-04 7	7.2E-01 1.1E-02 21 131	8.2E-01 1.7E-03 97
05:17----05:47	6.2E-03 8.8E-02 2.4E-02 1007	1.1E+00 3.9E-03 7.3E-04 7	6.6E-01 1.1E-02 20 131	8.2E-01 1.7E-03 97
05:20----05:50	6.2E-03 8.3E-02 2.4E-02 1007	1.0E+00 3.5E-03 9.0E-04 7	6.2E-01 1.1E-02 20 131	8.1E-01 1.7E-03 97
05:23----05:53	6.2E-03 8.7E-02 2.4E-02 1007	1.0E+00 3.3E-03 1.1E-03 7	6.1E-01 1.1E-02 20 130	8.8E-01 3.9E-04 97
05:26----05:56	6.2E-03 8.5E-02 2.4E-02 1007	1.0E+00 4.2E-03 1.3E-03 7	6.1E-01 1.2E-02 20 131	8.8E-01 2.1E-02 97
05:29----05:59	6.2E-03 8.3E-02 2.4E-02 1007	1.0E+00 4.3E-03 1.5E-03 6	6.4E-01 1.2E-02 20 130	8.9E-01 2.1E-02 96
05:32----06:02	6.2E-03 8.4E-02 2.4E-02 1007	1.0E+00 3.7E-03 1.7E-03 7	6.8E-01 1.1E-02 20 128	8.9E-01 2.1E-02 96
05:35----06:05	6.3E-03 9.0E-02 2.4E-02 1007	1.1E+00 4.3E-03 2.0E-03 6	7.7E-01 1.2E-02 20 126	9.0E-01 2.1E-02 96

HAWKESBURY #21, CONT'D

PAGE 12

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
05:38----06:08	6.3E-03 9.0E-02 2.4E-02 1007	1.1E+00 4.3E-03 2.2E-03 6	8.2E-01 1.2E-02 20 125	9.0E-01 2.1E-02 96
05:41----06:11	6.3E-03 9.3E-02 2.4E-02 1007	1.1E+00 3.9E-03 2.4E-03 6	8.7E-01 1.2E-02 21 125	9.0E-01 2.1E-02 96
05:44----06:14	6.3E-03 9.4E-02 2.4E-02 1007	1.1E+00 3.9E-03 2.6E-03 6	9.1E-01 1.2E-02 21 126	9.1E-01 2.1E-02 95
05:47----06:17	6.3E-03 9.8E-02 2.3E-02 1007	1.1E+00 4.3E-03 2.8E-03 6	1.0E+00 1.2E-02 21 126	9.1E-01 2.1E-02 95
05:50----06:20	6.3E-03 1.0E-01 2.3E-02 1007	1.1E+00 4.4E-03 3.0E-03 6	1.1E+00 1.2E-02 21 125	9.2E-01 2.1E-02 95
05:53----06:23	6.3E-03 9.3E-02 2.4E-02 1007	1.1E+00 4.2E-03 3.2E-03 6	1.1E+00 1.2E-02 21 126	8.6E-01 2.1E-02 94
05:56----06:26	6.3E-03 9.1E-02 2.4E-02 1007	1.1E+00 3.1E-03 3.4E-03 6	1.1E+00 1.2E-02 21 125	8.6E-01 2.5E-05 94
05:59----06:29	6.3E-03 8.7E-02 2.4E-02 1007	1.1E+00 7.3E-03 3.6E-03 7	1.1E+00 1.7E-02 21 124	8.5E-01 2.5E-05 93
06:02----06:32	6.2E-03 8.4E-02 2.4E-02 1007	1.1E+00 7.6E-03 3.9E-03 7	1.1E+00 1.7E-02 21 124	8.5E-01 2.5E-05 92
06:05----06:35	6.2E-03 7.7E-02 2.4E-02 1007	1.1E+00 7.1E-03 4.1E-03 8	1.1E+00 1.7E-02 21 124	8.5E-01 2.5E-05 92
06:08----06:38	6.3E-03 7.7E-02 2.4E-02 1007	1.1E+00 7.3E-03 4.3E-03 8	1.2E+00 1.7E-02 21 124	8.5E-01 2.5E-05 91

HAWKESBURY #21, CONT'D

PAGE 13

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
06:11----06:41	6.3E-03 7.6E-02 2.4E-02 1007	1.1E+00 8.0E-03 4.5E-03 9	1.2E+00 1.7E-02 21 124	8.7E-01 2.5E-05 91
06:14----06:44	6.3E-03 7.3E-02 2.4E-02 1007	1.1E+00 8.1E-03 4.8E-03 9	1.3E+00 1.7E-02 21 124	8.7E-01 2.5E-05 90
06:17----06:47	6.3E-03 8.4E-02 2.4E-02 1007	1.1E+00 9.5E-03 5.1E-03 9	1.2E+00 1.8E-02 21 124	1.0E+00 2.6E-03 90
06:20----06:50	6.2E-03 8.6E-02 2.4E-02 1007	1.1E+00 1.3E-02 5.3E-03 9	1.3E+00 1.7E-02 21 122	1.0E+00 5.1E-03 89
06:23----06:53	6.2E-03 8.9E-02 2.3E-02 1008	1.1E+00 1.4E-02 5.6E-03 9	1.3E+00 1.7E-02 21 119	1.0E+00 5.1E-03 88
06:26----06:56	6.2E-03 9.3E-02 2.3E-02 1008	1.1E+00 1.4E-02 5.9E-03 9	1.5E+00 1.8E-02 21 118	1.0E+00 5.1E-03 88
06:29----06:59	6.2E-03 9.9E-02 2.3E-02 1008	1.1E+00 1.1E-02 6.2E-03 9	1.6E+00 1.5E-02 21 119	1.0E+00 5.1E-03 87
06:32----07:02	6.2E-03 1.0E-01 2.3E-02 1008	1.1E+00 1.1E-02 6.5E-03 8	1.5E+00 1.4E-02 21 120	1.0E+00 5.1E-03 87
06:35----07:05	6.2E-03 1.0E-01 2.3E-02 1008	1.1E+00 1.1E-02 6.8E-03 8	1.5E+00 1.5E-02 21 119	1.0E+00 5.1E-03 86
06:38----07:08	6.2E-03 1.1E-01 2.3E-02 1008	1.1E+00 1.1E-02 7.2E-03 7	1.4E+00 1.5E-02 22 116	1.0E+00 5.1E-03 86
06:41----07:11	6.2E-03 1.2E-01 2.3E-02 1008	1.2E+00 1.1E-02 7.6E-03 6	1.4E+00 1.4E-02 22 115	1.0E+00 5.1E-03 85

HAWKESBURY #21, CONT'D

PAGE 14

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
06:44----07:14	6.2E-03 1.2E-01 2.2E-02 1008	1.2E+00 1.1E-02 8.0E-03 6	1.5E+00 1.5E-02 22 111	1.0E+00 5.1E-03 85
06:47----07:17	6.2E-03 1.1E-01 2.3E-02 1008	1.2E+00 9.7E-03 8.4E-03 6	1.5E+00 1.4E-02 22 112	9.0E-01 2.5E-03 84
06:50----07:20	6.2E-03 1.0E-01 2.3E-02 1008	1.1E+00 6.5E-03 8.9E-03 6	1.5E+00 1.5E-02 22 112	9.0E-01 1.1E-06 83
06:53----07:23	6.2E-03 9.4E-02 2.3E-02 1008	1.1E+00 5.8E-03 9.5E-03 6	1.4E+00 1.5E-02 22 117	8.8E-01 8.0E-03 82
06:56----07:26	6.2E-03 8.9E-02 2.4E-02 1008	1.1E+00 6.4E-03 1.0E-02 6	1.3E+00 1.4E-02 22 121	8.8E-01 1.2E-02 82
06:59----07:29	6.2E-03 8.2E-02 2.4E-02 1008	1.1E+00 5.3E-03 1.0E-02 5	1.2E+00 1.2E-02 22 121	8.7E-01 1.2E-02 81
07:02----07:32	6.2E-03 7.7E-02 2.4E-02 1008	1.1E+00 6.9E-03 1.1E-02 5	1.3E+00 1.3E-02 22 120	8.7E-01 1.2E-02 80
07:05----07:35	6.3E-03 7.5E-02 2.4E-02 1008	1.1E+00 6.8E-03 1.2E-02 5	1.3E+00 1.3E-02 23 123	8.7E-01 1.2E-02 80
07:08----07:38	6.3E-03 6.7E-02 2.4E-02 1008	1.1E+00 6.4E-03 1.2E-02 5	1.3E+00 1.2E-02 23 124	8.6E-01 1.2E-02 79
07:11----07:41	6.3E-03 5.4E-02 2.5E-02 1008	1.1E+00 6.1E-03 1.3E-02 6	1.2E+00 1.2E-02 23 126	8.5E-01 1.2E-02 79
07:14----07:44	6.3E-03 4.8E-02 2.5E-02 1008	1.1E+00 8.5E-03 1.3E-02 6	1.2E+00 1.3E-02 23 128	8.5E-01 1.4E-02 78

HAWKESBURY #21, CONT'D

PAGE 15

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
07:17----07:47	6.3E-03 4.4E-02 2.5E-02 1008	1.1E+00 9.7E-03 1.4E-02 6	1.1E+00 1.3E-02 23 129	8.4E-01 1.4E-02 78
07:20----07:50	6.3E-03 4.1E-02 2.5E-02 1008	1.0E+00 9.3E-03 1.4E-02 6	9.7E-01 1.2E-02 23 134	8.4E-01 1.4E-02 77
07:23----07:53	6.3E-03 3.8E-02 2.6E-02 1008	1.0E+00 8.9E-03 1.4E-02 6	9.3E-01 1.2E-02 23 131	8.3E-01 6.2E-03 77
07:26----07:56	6.3E-03 3.6E-02 2.6E-02 1008	1.0E+00 7.7E-03 1.5E-02 6	9.2E-01 1.2E-02 23 130	8.3E-01 2.1E-03 77
07:29----07:59	6.3E-03 3.4E-02 2.6E-02 1008	1.0E+00 7.8E-03 1.5E-02 6	9.3E-01 1.3E-02 23 130	8.3E-01 3.6E-03 77
07:32----08:02	6.3E-03 3.1E-02 2.7E-02 1008	1.0E+00 6.1E-03 1.5E-02 7	8.3E-01 1.1E-02 23 129	8.3E-01 3.6E-03 76
07:35----08:05	6.2E-03 2.9E-02 2.7E-02 1008	1.0E+00 6.1E-03 1.5E-02 7	8.2E-01 1.1E-02 23 129	8.3E-01 3.6E-03 76
07:38----08:08	6.2E-03 2.6E-02 2.7E-02 1008	9.9E-01 6.3E-03 1.5E-02 7	8.2E-01 1.1E-02 23 131	8.3E-01 3.6E-03 77
07:41----08:11	6.2E-03 3.1E-02 2.7E-02 1008	9.9E-01 6.6E-03 1.5E-02 8	8.8E-01 1.2E-02 23 131	8.3E-01 3.6E-03 77
07:44----08:14	6.2E-03 3.2E-02 2.7E-02 1008	9.9E-01 3.8E-03 1.5E-02 8	9.1E-01 1.0E-02 23 130	8.2E-01 2.2E-03 77
07:47----08:17	6.2E-03 3.7E-02 2.7E-02 1008	1.0E+00 3.1E-03 1.5E-02 8	1.0E+00 1.1E-02 23 128	8.3E-01 2.2E-03 77

HAWKESBURY #21, CONT'D

PAGE 16

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
07:50----08:20	6.2E-03 4.3E-02 2.6E-02 1008	1.0E+00 5.2E-03 1.5E-02 8	1.2E+00 1.2E-02 23 122	8.4E-01 2.1E-03 77
07:53----08:23	6.2E-03 5.1E-02 2.6E-02 1008	1.0E+00 6.4E-03 1.5E-02 8	1.4E+00 1.3E-02 23 123	8.5E-01 2.1E-03 78
07:56----08:26	6.2E-03 5.7E-02 2.6E-02 1008	1.1E+00 7.4E-03 1.5E-02 8	1.5E+00 1.3E-02 23 121	8.6E-01 2.5E-03 78
07:59----08:29	6.2E-03 6.6E-02 2.5E-02 1008	1.1E+00 8.1E-03 1.6E-02 8	1.6E+00 1.4E-02 23 119	8.6E-01 8.7E-04 78
08:02----08:32	6.1E-03 7.3E-02 2.5E-02 1008	1.1E+00 9.0E-03 1.6E-02 8	1.7E+00 1.4E-02 23 118	8.6E-01 1.2E-03 78
08:05----08:35	6.1E-03 7.9E-02 2.5E-02 1008	1.1E+00 9.7E-03 1.7E-02 8	1.6E+00 1.4E-02 23 115	8.6E-01 1.2E-03 78
08:08----08:38	6.1E-03 8.2E-02 2.5E-02 1008	1.1E+00 1.0E-02 1.8E-02 8	1.6E+00 1.4E-02 23 113	8.6E-01 1.2E-03 77
08:11----08:41	6.1E-03 8.4E-02 2.5E-02 1008	1.2E+00 9.8E-03 1.8E-02 8	1.7E+00 1.4E-02 23 112	8.8E-01 1.2E-03 77
08:14----08:44	6.1E-03 8.3E-02 2.5E-02 1008	1.2E+00 1.4E-02 1.9E-02 8	1.6E+00 1.9E-02 24 113	8.8E-01 1.2E-03 77
08:17----08:47	6.1E-03 7.8E-02 2.6E-02 1008	1.2E+00 1.4E-02 2.0E-02 8	1.5E+00 1.8E-02 24 114	8.7E-01 1.1E-03 76
08:20----08:50	6.1E-03 7.3E-02 2.7E-02 1008	1.1E+00 1.2E-02 2.0E-02 8	1.4E+00 1.7E-02 24 118	8.6E-01 7.1E-04 76

HAWKESBURY #21, CONT'D

PAGE 17

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
08:23----08:53	6.1E-03 7.0E-02 2.7E-02 1008	1.1E+00 1.5E-02 2.0E-02 8	1.2E+00 2.0E-02 24 119	8.6E-01 7.6E-04 75
08:26----08:56	6.1E-03 6.6E-02 2.7E-02 1008	1.1E+00 1.5E-02 2.0E-02 8	1.0E+00 2.0E-02 24 119	8.5E-01 8.3E-04 75
08:29----08:59	6.2E-03 5.8E-02 2.8E-02 1008	1.1E+00 1.4E-02 1.9E-02 8	9.1E-01 1.9E-02 24 122	8.4E-01 7.9E-04 75
08:32----09:02	6.2E-03 5.5E-02 2.8E-02 1008	1.1E+00 1.5E-02 1.8E-02 8	8.3E-01 2.0E-02 24 123	8.4E-01 1.6E-03 75
08:35----09:05	6.2E-03 5.1E-02 2.8E-02 1008	1.1E+00 1.4E-02 1.7E-02 8	7.9E-01 2.0E-02 24 125	8.4E-01 1.6E-03 75
08:38----09:08	6.2E-03 4.9E-02 2.9E-02 1008	1.1E+00 1.7E-02 1.6E-02 7	6.9E-01 2.3E-02 24 127	8.4E-01 2.2E-03 76
08:41----09:11	6.2E-03 4.9E-02 2.8E-02 1008	1.0E+00 1.7E-02 1.5E-02 7	6.0E-01 2.3E-02 24 126	8.3E-01 2.2E-03 76
08:44----09:14	6.2E-03 5.9E-02 2.8E-02 1008	1.3E+00 1.4E-02 1.4E-02 6	6.0E-01 1.8E-02 24 126	8.5E-01 1.8E-02 76
08:47----09:17	6.2E-03 7.4E-02 2.8E-02 1008	1.3E+00 1.8E-02 1.4E-02 6	5.8E-01 1.8E-02 24 128	8.9E-01 2.0E-02 76
08:50----09:20	6.2E-03 7.7E-02 2.8E-02 1008	1.3E+00 1.8E-02 1.4E-02 6	5.2E-01 1.8E-02 24 128	8.8E-01 2.0E-02 77
08:53----09:23	6.1E-03 7.9E-02 2.8E-02 1008	1.3E+00 1.9E-02 1.4E-02 6	4.7E-01 2.0E-02 24 129	8.9E-01 2.0E-02 77

HAWKESBURY #21, CONT'D

PAGE 18

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
08:56----09:26	6.1E-03 8.7E-02 2.7E-02 1008	1.4E+00 2.0E-02 1.5E-02 5	4.3E-01 2.0E-02 24 131	9.0E-01 2.4E-02 77
08:59----09:29	6.1E-03 9.1E-02 2.7E-02 1008	1.4E+00 2.1E-02 1.6E-02 5	3.9E-01 1.9E-02 24 133	9.0E-01 2.8E-02 77
09:02----09:32	6.1E-03 1.0E-01 2.8E-02 1008	1.4E+00 2.3E-02 1.7E-02 5	3.6E-01 2.0E-02 24 134	9.0E-01 2.8E-02 77
09:05----09:35	6.1E-03 1.0E-01 2.8E-02 1008	1.4E+00 2.3E-02 1.9E-02 5	2.9E-01 1.9E-02 24 137	8.9E-01 2.8E-02 76
09:08----09:38	6.1E-03 1.0E-01 2.8E-02 1008	1.4E+00 2.0E-02 2.1E-02 5	2.4E-01 1.6E-02 24 138	8.8E-01 2.8E-02 76

STATISTICS

NUMBER OF READINGS 601

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	3.82E-03	6.59E-03	5.78E-03	5.50E-04	5.75E-03	1.11E+00
THC	8.90E-01	7.62E+00	1.29E+00	4.55E-01	1.25E+00	1.27E+00
SO2	4.13E-02	4.52E+00	8.26E-01	5.94E-01	6.04E-01	2.44E+00
THC-CH4	7.32E-01	4.89E+00	9.42E-01	2.81E-01	9.21E-01	1.21E+00
CH4	3.09E-03	8.89E-01	2.04E-01	1.71E-01	1.41E-01	2.52E+00
NOX	1.00E-06	1.48E-01	1.57E-02	1.83E-02	7.99E-03	5.02E+00
NO2	1.00E-06	1.77E-01	1.92E-02	1.74E-02	9.43E-03	1.09E+01
NO	1.00E-06	4.24E-01	5.88E-03	2.89E-02	8.33E-06	4.48E+01
OZONE	1.46E-02	4.94E-02	2.85E-02	5.89E-03	2.79E-02	1.21E+00
SOLAR RAD	1.00E-06	3.59E-02	4.85E-03	7.43E-03	5.44E-05	8.31E+01
TEMP	20	27	23	1		
HUMIDITY	71	103	91	10	90	1
BAROMETER	1006	1008	1007	1	1007	1
WIND SPEED	0	17	7	3	6	2

HAWKESBURY #22

DATE: JUL 15 1979
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION:
 0.8KM W HAWKESBURY WATERWORKS(X2850-X5130); 1.25KM & 320DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
10:04----10:34	9.9E-03 2.3E-01 2.8E-02 1008	1.3E+00 9.8E-03 1.1E-02 8	2.9E-02 1.3E-02 22 126	9.0E-01 1.3E-03 109
10:07----10:37	9.8E-03 2.4E-01 2.8E-02 1008	1.3E+00 9.8E-03 1.3E-02 7	2.7E-02 1.2E-02 22 125	9.0E-01 1.6E-03 108
10:10----10:40	9.7E-03 2.4E-01 2.8E-02 1008	1.3E+00 1.1E-02 1.4E-02 7	2.6E-02 1.3E-02 22 125	9.1E-01 1.5E-03 107
10:13----10:43	9.7E-03 2.3E-01 2.9E-02 1008	1.3E+00 1.5E-02 1.6E-02 7	2.5E-02 1.5E-02 22 124	9.4E-01 4.4E-03 106
10:16----10:46	9.5E-03 2.3E-01 2.9E-02 1008	1.3E+00 1.6E-02 1.7E-02 6	2.4E-02 1.5E-02 23 124	9.4E-01 4.4E-03 104
10:19----10:49	9.5E-03 2.3E-01 2.9E-02 1008	1.4E+00 1.8E-02 1.9E-02 6	2.3E-02 1.7E-02 23 124	9.4E-01 5.4E-03 103
10:22----10:52	9.6E-03 2.3E-01 2.9E-02 1008	1.4E+00 1.8E-02 2.1E-02 6	2.2E-02 1.6E-02 23 123	9.5E-01 5.9E-03 101
10:25----10:55	9.5E-03 2.4E-01 2.9E-02 1008	1.4E+00 1.8E-02 2.3E-02 5	2.2E-02 1.6E-02 24 122	9.4E-01 5.9E-03 99
10:28----10:58	9.4E-03 2.4E-01 2.9E-02 1008	1.4E+00 1.8E-02 2.5E-02 5	2.2E-02 1.6E-02 24 122	9.7E-01 6.4E-03 96

HAWKESBURY #22 CONT'D

STATISTICS

NUMBER OF READINGS 56

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	8.43E-03	1.15E-02	9.64E-03	6.16E-04	9.62E-03	1.06E+00
THC	1.05E+00	6.18E+00	1.45E+00	8.68E-01	1.35E+00	1.36E+00
SO2	2.03E-02	3.99E-02	2.53E-02	5.42E-03	2.48E-02	1.22E+00
THC-CH4	7.82E-01	1.94E+00	9.43E-01	1.79E-01	9.31E-01	1.16E+00
CH4	1.38E-01	3.83E-01	2.38E-01	4.56E-02	2.34E-01	1.21E+00
NOX	5.44E-03	1.28E-01	1.66E-02	2.08E-02	1.17E-02	2.04E+00
NO2	1.00E-06	8.51E-02	1.57E-02	1.57E-02	6.50E-03	1.30E+01
NO	1.00E-06	3.74E-02	5.04E-03	9.73E-03	1.97E-05	8.23E+01
OZONE	2.52E-02	3.19E-02	2.88E-02	1.57E-03	2.87E-02	1.06E+00
SOLAR RAD	6.56E-03	3.66E-02	1.87E-02	9.50E-03	1.62E-02	1.77E+00
TEMP	21	26	23	2		
HUMIDITY	85	112	102	9	101	1
BAROMETER	1008	1008	1008	0	1008	1
WIND SPEED	2	11	6	2	6	2

HAWKESBURY #23

DATE: JUL 15 1979
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: CONFEDERATION PARK (X3100-X5115): 1.45KM @ 075DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
21:16----21:46	8.7E-03 1.2E+00 3.5E-02 1008	2.5E+00 9.6E-02 3.8E-06 3	2.2E-02 6.1E-02 26 63	1.6E+00 3.3E-02 98
21:21----21:51	8.5E-03 1.2E+00 3.4E-02 1008	2.0E+00 5.9E-02 3.4E-06 3	2.0E-02 3.6E-02 26 62	1.2E+00 2.9E-02 99
21:26----21:56	8.4E-03 1.2E+00 3.3E-02 1008	2.0E+00 5.9E-02 1.1E-06 3	1.8E-02 3.6E-02 26 64	1.1E+00 2.9E-02 101
21:31----22:01	8.7E-03 1.2E+00 3.1E-02 1008	2.0E+00 6.3E-02 1.0E-06 3	1.7E-02 4.2E-02 26 69	1.1E+00 2.5E-02 101
21:36----22:06	9.0E-03 1.2E+00 3.2E-02 1008	1.9E+00 5.9E-02 1.5E-06 2	1.6E-02 3.8E-02 26 83	1.0E+00 2.5E-02 100
21:41----22:11	9.1E-03 1.2E+00 3.0E-02 1008	2.4E+00 7.0E-02 2.6E-06 2	1.4E-02 4.4E-02 26 88	9.6E-01 4.9E-02 99
21:46----22:16	9.0E-03 1.2E+00 2.6E-02 1008	2.5E+00 1.0E-01 3.8E-06 1	1.3E-02 6.0E-02 26 100	1.1E+00 7.0E-02 98
21:51----22:21	8.7E-03 1.2E+00 2.6E-02 1008	2.5E+00 1.3E-01 3.8E-06 1	1.3E-02 7.1E-02 26 106	1.1E+00 8.1E-02 98
21:56----22:26	8.2E-03 1.2E+00 2.7E-02 1008	2.5E+00 1.2E-01 3.8E-06 0	1.2E-02 6.9E-02 25 39	1.1E+00 7.9E-02 99
22:01----22:31	7.6E-03 1.2E+00 2.7E-02 1008	2.5E+00 1.2E-01 4.3E-06 1	1.1E-02 6.5E-02 25 35	1.1E+00 7.6E-02 100

HAWKESBURY #23, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
22:06----22:36	7.1E-03 1.2E+00 2.5E-02 1008	2.5E+00 1.2E-01 4.8E-06 1	1.1E-02 6.7E-02 25 26	1.1E+00 7.5E-02 102
22:11----22:41	6.9E-03 1.2E+00 2.5E-02 1008	2.1E+00 9.7E-02 4.4E-06 1	1.1E-02 5.2E-02 25 26	9.9E-01 4.9E-02 104
22:16----22:46	6.8E-03 1.2E+00 2.7E-02 1008	2.1E+00 7.0E-02 3.4E-06 1	9.8E-03 4.0E-02 25 34	9.2E-01 3.1E-02 105
22:21----22:51	7.0E-03 1.2E+00 3.0E-02 1008	2.0E+00 4.6E-02 4.1E-06 1	8.7E-03 3.0E-02 25 57	9.0E-01 2.0E-02 105
22:26----22:56	7.2E-03 1.2E+00 3.0E-02 1008	2.0E+00 4.8E-02 4.3E-06 1	8.2E-03 3.0E-02 25 100	9.0E-01 2.1E-02 104
22:31----23:01	7.2E-03 1.2E+00 3.1E-02 1008	2.1E+00 5.0E-02 4.3E-06 1	7.6E-03 3.2E-02 25 115	9.0E-01 2.2E-02 103
22:36----23:06	7.0E-03 1.2E+00 3.3E-02 1008	2.0E+00 4.8E-02 3.8E-06 1	6.9E-03 3.0E-02 25 121	8.9E-01 2.1E-02 102
22:41----23:11	6.7E-03 1.2E+00 3.5E-02 1008	2.0E+00 4.7E-02 3.5E-06 1	6.2E-03 2.9E-02 25 110	8.7E-01 2.2E-02 102
22:46----23:16	6.4E-03 1.2E+00 3.7E-02 1008	2.0E+00 4.2E-02 3.4E-06 1	5.6E-03 2.6E-02 25 106	8.5E-01 2.0E-02 103
22:51----23:21	6.1E-03 1.2E+00 3.5E-02 1008	2.0E+00 4.4E-02 3.0E-06 1	5.2E-03 2.7E-02 25 94	8.5E-01 2.0E-02 104
22:56----23:26	6.2E-03 1.2E+00 3.5E-02 1008	2.0E+00 4.4E-02 4.1E-06 2	4.9E-03 2.9E-02 25 84	8.3E-01 2.0E-02 104

HAWKESBURY #23, CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
23:01----23:31	6.1E-03 1.2E+00 3.6E-02 1008	1.9E+00 4.3E-02 3.6E-06 2	4.8E-03 2.6E-02 25 86	8.1E-01 2.0E-02 106
23:06----23:36	6.1E-03 1.2E+00 3.7E-02 1008	1.9E+00 4.1E-02 3.2E-06 2	4.5E-03 2.4E-02 24 89	8.0E-01 2.1E-02 110
23:11----23:41	6.1E-03 1.3E+00 3.8E-02 1008	2.7E+00 4.3E-02 2.9E-06 2	4.3E-03 2.5E-02 24 87	8.4E-01 2.5E-02 115
23:16----23:46	6.2E-03 1.3E+00 3.8E-02 1008	2.7E+00 4.4E-02 4.1E-06 2	4.4E-03 2.3E-02 24 84	8.6E-01 3.0E-02 119
23:21----23:51	6.3E-03 1.3E+00 3.8E-02 1008	2.7E+00 4.2E-02 3.9E-06 2	4.3E-03 2.0E-02 23 87	8.9E-01 3.1E-02 124
23:26----23:56	6.1E-03 1.3E+00 3.8E-02 1008	2.7E+00 4.0E-02 2.9E-06 2	4.2E-03 1.8E-02 23 90	8.9E-01 3.0E-02 129
23:31----00:01	6.1E-03 1.3E+00 3.8E-02 1008	2.7E+00 3.8E-02 3.5E-06 2	4.0E-03 1.8E-02 23 86	9.0E-01 2.9E-02 133
23:36----00:06	6.1E-03 1.3E+00 3.7E-02 1008	2.7E+00 3.9E-02 3.7E-06 1	4.0E-03 1.9E-02 23 78	8.9E-01 2.9E-02 134
23:41----00:11	6.1E-03 1.2E+00 3.7E-02 1008	2.0E+00 3.6E-02 3.6E-06 1	4.0E-03 1.6E-02 23 78	8.6E-01 2.7E-02 134
23:46----00:16	6.0E-03 1.2E+00 3.7E-02 1008	2.0E+00 3.6E-02 2.6E-06 1	4.0E-03 1.6E-02 23 76	8.4E-01 2.4E-02 135
23:51----00:21	5.8E-03 1.2E+00 3.7E-02 1008	2.2E+00 4.2E-02 2.9E-06 1	4.1E-03 2.2E-02 23 73	8.6E-01 2.5E-02 135

HAWKESBURY #23, CONT'D

PAGE 4

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
23:56----00:26	5.7E-03 1.2E+00 3.7E-02 1008	2.1E+00 4.4E-02 3.0E-06 1	4.2E-03 2.4E-02 23 72	8.5E-01 2.6E-02 135
00:01----00:31	5.5E-03 1.2E+00 3.5E-02 1008	2.2E+00 4.6E-02 2.9E-06 1	4.3E-03 2.4E-02 23 71	8.5E-01 2.8E-02 135
00:06----00:36	5.4E-03 1.2E+00 3.5E-02 1008	2.2E+00 4.6E-02 2.7E-06 1	4.4E-03 2.2E-02 23 73	8.5E-01 2.9E-02 135
00:11----00:41	5.2E-03 1.2E+00 3.4E-02 1008	2.1E+00 4.8E-02 3.9E-06 1	4.3E-03 2.6E-02 23 73	9.5E-01 2.6E-02 136
00:16----00:46	5.1E-03 1.2E+00 3.4E-02 1008	2.0E+00 4.8E-02 4.8E-06 1	4.4E-03 2.7E-02 23 75	9.3E-01 2.5E-02 136
00:21----00:51	5.1E-03 1.2E+00 3.3E-02 1008	1.9E+00 4.2E-02 4.5E-06 1	4.3E-03 2.2E-02 23 76	8.5E-01 2.4E-02 136
00:26----00:56	5.2E-03 1.2E+00 3.3E-02 1008	1.9E+00 4.1E-02 4.3E-06 1	4.3E-03 2.0E-02 23 77	8.7E-01 2.4E-02 136
00:31----01:01	5.3E-03 1.2E+00 3.3E-02 1008	1.9E+00 3.9E-02 4.2E-06 1	4.2E-03 2.1E-02 23 78	8.5E-01 2.1E-02 136
00:36----01:06	5.3E-03 1.2E+00 3.3E-02 1008	1.9E+00 3.9E-02 5.1E-06 1	4.2E-03 2.0E-02 23 78	8.6E-01 2.2E-02 136
00:41----01:11	5.4E-03 1.2E+00 3.4E-02 1008	1.8E+00 3.8E-02 4.3E-06 1	4.2E-03 2.0E-02 23 79	7.3E-01 2.3E-02 136
00:46----01:16	5.4E-03 1.2E+00 3.3E-02 1008	1.8E+00 3.9E-02 4.2E-06 1	4.1E-03 1.9E-02 23 77	7.3E-01 2.5E-02 136

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
00:51----01:21	5.4E-03 1.2E+00 3.4E-02 1008	1.8E+00 3.9E-02 5.9E-06 1	4.1E-03 2.0E-02 23 73	7.4E-01 2.5E-02 135
00:56----01:26	5.4E-03 1.2E+00 3.4E-02 1008	1.8E+00 4.0E-02 6.3E-06 1	4.1E-03 1.9E-02 23 53	7.5E-01 2.6E-02 135
01:01----01:31	5.4E-03 1.2E+00 3.4E-02 1008	1.8E+00 3.9E-02 7.1E-06 2	4.1E-03 1.8E-02 23 41	7.5E-01 2.6E-02 134
01:06----01:36	5.4E-03 1.2E+00 3.4E-02 1008	1.8E+00 3.8E-02 6.3E-06 2	4.1E-03 1.8E-02 23 26	7.4E-01 2.4E-02 134
01:11----01:41	5.3E-03 1.2E+00 3.4E-02 1008	1.7E+00 3.1E-02 8.0E-06 3	3.9E-03 1.4E-02 23 5	7.1E-01 1.9E-02 134
01:16----01:46	5.3E-03 1.2E+00 3.5E-02 1008	1.7E+00 2.6E-02 8.0E-06 4	3.8E-03 1.3E-02 23 353	7.0E-01 1.5E-02 134
01:21----01:51	5.4E-03 1.2E+00 3.7E-02 1008	1.7E+00 2.1E-02 6.2E-06 4	3.7E-03 1.0E-02 23 352	6.9E-01 1.2E-02 133
01:26----01:56	5.4E-03 1.2E+00 3.8E-02 1008	1.8E+00 1.8E-02 6.4E-06 4	3.6E-03 9.5E-03 23 352	7.0E-01 1.0E-02 133
01:31----02:01	5.5E-03 1.2E+00 3.8E-02 1008	1.8E+00 1.9E-02 5.3E-06 4	3.6E-03 1.0E-02 23 351	7.0E-01 1.1E-02 133
01:36----02:06	5.5E-03 1.2E+00 3.7E-02 1008	1.8E+00 2.2E-02 5.2E-06 3	3.6E-03 1.2E-02 23 352	7.0E-01 1.2E-02 133
01:41----02:11	5.6E-03 1.2E+00 3.7E-02 1008	1.8E+00 2.4E-02 3.4E-06 2	3.5E-03 1.3E-02 23 14	7.2E-01 1.2E-02 133

HAWKESBURY #23, CONT'D

PAGE 6

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
01:46----02:16	5.7E-03 1.2E+00 3.6E-02 1008	1.8E+00 2.5E-02 2.5E-06 2	3.4E-03 1.3E-02 23 40	7.3E-01 2.0E-02 133
01:51----02:21	5.6E-03 1.2E+00 3.5E-02 1008	1.8E+00 3.2E-02 2.4E-06 1	3.5E-03 1.5E-02 23 69	7.4E-01 2.8E-02 133
01:56----02:26	5.7E-03 1.2E+00 3.4E-02 1008	1.8E+00 3.4E-02 2.0E-06 1	3.4E-03 1.6E-02 23 89	7.2E-01 2.8E-02 133
02:01----02:31	5.7E-03 1.2E+00 3.5E-02 1008	1.8E+00 3.1E-02 3.0E-06 1	3.2E-03 1.4E-02 23 93	7.2E-01 2.7E-02 133
02:06----02:36	5.7E-03 1.2E+00 3.4E-02 1008	2.0E+00 3.7E-02 3.3E-06 1	3.3E-03 1.7E-02 23 94	8.0E-01 3.3E-02 133
02:11----02:41	5.7E-03 1.2E+00 3.4E-02 1007	2.0E+00 4.1E-02 3.5E-06 1	3.5E-03 1.8E-02 23 99	8.0E-01 3.5E-02 133
02:16----02:46	5.7E-03 1.2E+00 3.5E-02 1007	1.9E+00 4.2E-02 3.6E-06 1	3.6E-03 1.8E-02 23 114	7.9E-01 2.9E-02 133
02:21----02:51	5.8E-03 1.2E+00 3.5E-02 1007	1.9E+00 3.6E-02 3.9E-06 1	3.5E-03 1.7E-02 23 114	7.8E-01 2.3E-02 133
02:26----02:56	5.7E-03 1.2E+00 3.5E-02 1007	1.9E+00 3.4E-02 4.1E-06 0	3.5E-03 1.6E-02 23 108	7.9E-01 2.1E-02 133
02:31----03:01	5.7E-03 1.2E+00 3.5E-02 1007	1.9E+00 3.4E-02 3.2E-06 1	3.5E-03 1.6E-02 23 105	7.9E-01 2.1E-02 133
02:36----03:06	5.6E-03 1.2E+00 3.5E-02 1007	1.7E+00 2.7E-02 3.2E-06 1	3.3E-03 1.2E-02 23 107	7.0E-01 1.5E-02 133

HAWKESBURY #23, CONT'D

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
02:41----03:11	5.6E-03 1.2E+00 3.5E-02 1007	1.7E+00 2.3E-02 3.0E-06 1	3.1E-03 1.1E-02 23 113	7.0E-01 1.3E-02 133
02:46----03:16	5.5E-03 1.2E+00 3.5E-02 1007	1.8E+00 2.1E-02 3.2E-06 1	3.0E-03 9.9E-03 23 111	7.1E-01 1.2E-02 134
02:51----03:21	5.4E-03 1.2E+00 3.4E-02 1007	1.8E+00 2.0E-02 3.2E-06 1	2.9E-03 9.5E-03 23 111	7.1E-01 1.2E-02 134
02:56----03:26	5.3E-03 1.2E+00 3.3E-02 1007	1.8E+00 2.0E-02 3.2E-06 1	2.8E-03 1.0E-02 23 115	7.0E-01 1.2E-02 134
03:01----03:31	5.2E-03 1.2E+00 3.2E-02 1007	1.9E+00 2.8E-02 4.5E-06 0	2.8E-03 1.8E-02 23 119	7.3E-01 1.6E-02 134
03:06----03:36	5.1E-03 1.2E+00 3.0E-02 1008	2.1E+00 4.9E-02 4.7E-06 0	3.3E-03 1.9E-02 23 120	9.2E-01 4.4E-02 134
03:11----03:41	5.0E-03 1.2E+00 2.9E-02 1008	2.1E+00 5.1E-02 4.3E-06 0	3.4E-03 1.9E-02 23 120	9.3E-01 4.6E-02 134
03:16----03:46	5.0E-03 1.2E+00 2.7E-02 1008	2.5E+00 6.9E-02 4.3E-06 0	3.7E-03 3.5E-02 23 121	1.2E+00 6.5E-02 134
03:21----03:51	4.9E-03 1.3E+00 2.7E-02 1008	2.5E+00 8.0E-02 4.2E-06 0	4.1E-03 3.7E-02 23 90	1.3E+00 6.6E-02 134
03:26----03:56	5.0E-03 1.4E+00 2.5E-02 1008	2.9E+00 1.1E-01 3.9E-06 0	4.6E-03 4.5E-02 23 26	2.0E+00 1.1E-01 134
03:31----04:01	5.1E-03 1.4E+00 2.3E-02 1008	3.3E+00 1.9E-01 2.5E-06 0	6.3E-03 6.1E-02 23 15	2.6E+00 1.6E-01 134

HAWKESBURY #23, CONT'D

PAGE 8

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
03:36----04:06	5.4E-03 1.4E+00 2.5E-02 1008	3.1E+00 1.7E-01 2.0E-06 0	6.2E-03 5.9E-02 23 7	2.5E+00 1.3E-01 134
03:41----04:11	5.5E-03 1.4E+00 2.4E-02 1008	3.1E+00 1.7E-01 2.1E-06 0	6.4E-03 5.9E-02 23 8	2.5E+00 1.3E-01 134
03:46----04:16	5.5E-03 1.4E+00 2.5E-02 1008	2.9E+00 1.5E-01 1.6E-06 0	6.5E-03 4.3E-02 23 10	2.3E+00 1.1E-01 134
03:51----04:21	5.6E-03 1.4E+00 2.4E-02 1008	2.9E+00 1.6E-01 2.0E-06 0	6.5E-03 4.3E-02 23 13	2.1E+00 1.2E-01 134
03:56----04:26	5.7E-03 1.3E+00 2.5E-02 1008	2.7E+00 1.4E-01 1.8E-06 0	6.5E-03 4.1E-02 23 12	1.5E+00 1.0E-01 134
04:01----04:31	5.8E-03 1.2E+00 2.6E-02 1008	2.3E+00 6.1E-02 1.8E-06 0	5.2E-03 1.9E-02 23 12	8.9E-01 5.6E-02 135
04:06----04:36	5.7E-03 1.3E+00 2.4E-02 1008	2.7E+00 8.2E-02 1.9E-06 0	5.4E-03 2.0E-02 22 11	1.2E+00 7.9E-02 135
04:11----04:41	5.7E-03 1.3E+00 2.3E-02 1008	2.8E+00 8.9E-02 2.3E-06 0	5.6E-03 2.2E-02 22 7	1.4E+00 8.5E-02 135
04:16----04:46	5.6E-03 1.4E+00 1.9E-02 1008	3.7E+00 1.8E-01 2.2E-06 0	7.1E-03 5.4E-02 22 278	2.3E+00 1.6E-01 135
04:21----04:51	5.5E-03 1.4E+00 1.7E-02 1008	4.2E+00 2.4E-01 1.9E-06 0	8.7E-03 6.8E-02 22 252	2.6E+00 2.0E-01 135
04:26----04:56	5.5E-03 1.4E+00 1.6E-02 1008	4.0E+00 2.3E-01 2.7E-06 0	9.1E-03 6.2E-02 22 242	2.5E+00 1.9E-01 135

HAWKESBURY #23, CONT'D

PAGE 9

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
04:31----05:01	5.6E-03 1.4E+00 1.6E-02 1008	3.9E+00 2.2E-01 2.7E-06 0	9.2E-03 5.9E-02 22 237	2.5E+00 1.7E-01 135
04:36----05:06	5.5E-03 1.3E+00 1.8E-02 1008	3.5E+00 2.0E-01 5.4E-06 0	8.9E-03 5.8E-02 22 248	2.1E+00 1.5E-01 135
04:41----05:11	5.5E-03 1.3E+00 1.9E-02 1008	3.3E+00 1.9E-01 8.3E-06 0	8.6E-03 5.6E-02 22 250	1.9E+00 1.4E-01 135
04:46----05:16	5.7E-03 1.3E+00 2.2E-02 1008	2.4E+00 9.4E-02 1.7E-05 0	9.3E-03 2.3E-02 22 256	1.0E+00 6.6E-02 135
04:51----05:21	6.0E-03 1.4E+00 2.3E-02 1008	2.2E+00 2.2E-02 3.4E-05 0	1.4E-02 7.8E-03 22 259	8.6E-01 1.4E-02 135
04:56----05:26	6.1E-03 1.5E+00 2.2E-02 1008	2.4E+00 2.9E-02 6.0E-05 0	1.8E-02 1.6E-02 22 256	9.4E-01 1.8E-02 135
05:01----05:31	6.3E-03 1.5E+00 1.9E-02 1008	2.4E+00 3.2E-02 1.1E-04 0	2.1E-02 1.9E-02 22 252	9.9E-01 1.9E-02 135
05:06----05:36	6.5E-03 1.5E+00 1.6E-02 1008	2.6E+00 3.8E-02 1.7E-04 0	2.3E-02 2.1E-02 22 247	1.1E+00 2.5E-02 135
05:11----05:41	6.6E-03 1.5E+00 1.4E-02 1008	2.6E+00 4.2E-02 2.7E-04 0	2.4E-02 2.3E-02 22 240	1.2E+00 2.7E-02 135
05:16----05:46	6.7E-03 1.4E+00 1.4E-02 1008	2.5E+00 4.4E-02 3.7E-04 0	2.2E-02 2.4E-02 22 235	1.2E+00 2.8E-02 135
05:21----05:51	6.5E-03 1.3E+00 1.4E-02 1008	2.3E+00 4.4E-02 4.8E-04 0	1.6E-02 2.4E-02 22 232	1.1E+00 2.8E-02 135

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
05:26----05:56	6.4E-03 1.3E+00 1.6E-02 1008	2.1E+00 3.3E-02 6.2E-04 0	1.1E-02 1.5E-02 22 233	1.0E+00 2.2E-02 135
05:31----06:01	6.3E-03 1.3E+00 1.7E-02 1008	2.1E+00 3.0E-02 7.9E-04 0	8.9E-03 1.4E-02 22 237	1.0E+00 2.0E-02 135
05:36----06:06	6.2E-03 1.2E+00 1.8E-02 1008	2.0E+00 2.4E-02 1.1E-03 0	7.2E-03 1.2E-02 22 240	8.7E-01 1.3E-02 135
05:41----06:11	6.1E-03 1.2E+00 1.9E-02 1008	2.0E+00 2.0E-02 1.4E-03 1	6.2E-03 1.1E-02 22 240	8.2E-01 9.5E-03 135
05:46----06:16	6.1E-03 1.2E+00 1.9E-02 1009	1.9E+00 1.8E-02 1.7E-03 1	5.6E-03 1.1E-02 22 249	8.0E-01 8.3E-03 135
05:51----06:21	6.2E-03 1.2E+00 1.9E-02 1009	1.9E+00 1.7E-02 2.1E-03 2	5.2E-03 1.0E-02 22 249	7.9E-01 7.6E-03 135
05:56----06:26	6.2E-03 1.3E+00 1.8E-02 1009	1.9E+00 1.6E-02 2.5E-03 3	6.9E-03 9.9E-03 22 249	7.8E-01 7.0E-03 135
06:01----06:31	6.2E-03 1.3E+00 1.9E-02 1009	1.9E+00 1.5E-02 3.0E-03 3	1.2E-02 9.0E-03 22 252	7.7E-01 6.5E-03 135
06:06----06:36	6.3E-03 1.3E+00 1.9E-02 1009	1.9E+00 1.3E-02 3.5E-03 4	2.0E-02 8.2E-03 22 255	7.7E-01 6.0E-03 134
06:11----06:41	6.4E-03 1.3E+00 1.9E-02 1009	1.9E+00 1.2E-02 4.0E-03 4	2.9E-02 6.9E-03 22 257	7.6E-01 5.7E-03 135
06:16----06:46	6.5E-03 1.3E+00 1.9E-02 1009	2.0E+00 1.2E-02 4.3E-03 4	3.8E-02 6.5E-03 22 257	7.8E-01 5.6E-03 135

HAWKESBURY #23, CONT'D

PAGE 11

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
06:21----06:51	6.6E-03 1.3E+00 1.8E-02 1009	2.0E+00 1.2E-02 4.6E-03 4	4.6E-02 6.5E-03 22 260	7.8E-01 5.5E-03 135
06:26----06:56	6.7E-03 1.3E+00 1.8E-02 1009	2.0E+00 1.1E-02 4.7E-03 4	5.3E-02 6.6E-03 22 266	7.8E-01 5.4E-03 135
06:31----07:01	6.9E-03 1.3E+00 1.8E-02 1009	2.0E+00 1.2E-02 4.9E-03 4	5.7E-02 6.7E-03 22 269	7.9E-01 5.5E-03 135
06:36----07:06	6.9E-03 1.3E+00 1.8E-02 1009	2.0E+00 1.2E-02 5.1E-03 5	6.1E-02 6.9E-03 22 270	7.9E-01 5.6E-03 135
06:41----07:11	7.1E-03 1.3E+00 1.8E-02 1009	2.0E+00 1.2E-02 5.2E-03 5	6.1E-02 7.3E-03 22 272	7.9E-01 5.7E-03 135
06:46----07:16	7.2E-03 1.3E+00 1.8E-02 1009	2.0E+00 1.3E-02 5.2E-03 5	5.8E-02 7.4E-03 22 275	7.8E-01 5.8E-03 135
06:51----07:21	7.2E-03 1.3E+00 1.8E-02 1009	1.9E+00 1.3E-02 5.4E-03 5	5.5E-02 7.8E-03 22 277	7.7E-01 5.9E-03 135
06:56----07:26	7.2E-03 1.3E+00 1.9E-02 1009	1.9E+00 1.3E-02 5.8E-03 5	5.1E-02 8.1E-03 22 275	7.6E-01 6.0E-03 135
07:01----07:31	7.1E-03 1.3E+00 1.9E-02 1009	1.9E+00 1.4E-02 6.2E-03 5	4.6E-02 8.3E-03 22 275	7.6E-01 6.0E-03 135
07:06----07:36	7.2E-03 1.3E+00 2.0E-02 1009	1.9E+00 1.3E-02 6.1E-03 4	3.7E-02 8.3E-03 23 276	7.5E-01 5.9E-03 135
07:11----07:41	7.2E-03 1.3E+00 2.0E-02 1009	1.9E+00 1.3E-02 6.0E-03 4	3.1E-02 8.2E-03 23 278	7.5E-01 5.9E-03 135

HAWKESBURY #23, CONT'D

PAGE 12

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
07:16----07:46	7.2E-03 1.3E+00 2.1E-02 1010	1.9E+00 1.3E-02 6.6E-03 4	2.6E-02 8.2E-03 23 279	7.4E-01 5.7E-03 135
07:21----07:51	7.2E-03 1.3E+00 2.2E-02 1010	1.9E+00 1.3E-02 7.6E-03 4	2.2E-02 8.1E-03 23 279	7.4E-01 5.7E-03 134
07:26----07:56	7.2E-03 1.3E+00 2.3E-02 1010	1.9E+00 1.3E-02 9.1E-03 4	1.8E-02 8.2E-03 23 282	7.3E-01 5.9E-03 134
07:31----08:01	7.3E-03 1.3E+00 2.3E-02 1010	1.9E+00 1.3E-02 1.0E-02 4	1.4E-02 8.1E-03 23 283	7.3E-01 6.0E-03 134
07:36----08:06	7.4E-03 1.3E+00 2.4E-02 1010	1.9E+00 1.4E-02 1.2E-02 4	1.1E-02 8.2E-03 23 283	7.3E-01 6.1E-03 133
07:41----08:11	7.5E-03 1.3E+00 2.5E-02 1010	1.9E+00 1.4E-02 1.5E-02 5	9.7E-03 8.1E-03 23 282	7.3E-01 6.2E-03 132
07:46----08:16	7.7E-03 1.3E+00 2.7E-02 1010	1.9E+00 1.4E-02 1.8E-02 5	8.8E-03 8.4E-03 24 280	7.3E-01 6.3E-03 131
07:51----08:21	8.1E-03 1.3E+00 2.9E-02 1010	1.9E+00 1.4E-02 1.8E-02 5	8.4E-03 8.4E-03 24 279	7.3E-01 6.2E-03 129
07:56----08:26	8.4E-03 1.2E+00 3.0E-02 1010	1.8E+00 1.5E-02 1.8E-02 4	8.9E-03 9.1E-03 24 280	7.3E-01 6.3E-03 128
08:01----08:31	8.6E-03 1.2E+00 3.1E-02 1010	1.8E+00 1.5E-02 1.7E-02 5	9.8E-03 9.3E-03 24 278	7.2E-01 6.3E-03 126
08:06----08:36	9.0E-03 1.2E+00 3.3E-02 1010	1.8E+00 1.5E-02 1.8E-02 5	1.1E-02 9.8E-03 25 277	7.1E-01 6.4E-03 124

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
08:11----08:41	9.2E-03 1.2E+00 3.4E-02 1010	1.8E+00 1.6E-02 1.9E-02 5	1.3E-02 1.0E-02 25 276	7.2E-01 6.3E-03 122
08:16----08:46	9.2E-03 1.2E+00 3.4E-02 1010	1.8E+00 1.6E-02 1.9E-02 6	1.4E-02 1.0E-02 25 275	7.2E-01 6.5E-03 120
08:21----08:51	9.3E-03 1.2E+00 3.4E-02 1010	1.8E+00 1.6E-02 2.2E-02 6	1.7E-02 1.0E-02 25 273	7.2E-01 6.9E-03 118
08:26----08:56	9.4E-03 1.2E+00 3.6E-02 1010	1.8E+00 1.6E-02 2.6E-02 7	2.2E-02 9.5E-03 25 269	7.2E-01 7.1E-03 116
08:31----09:01	9.6E-03 1.2E+00 3.7E-02 1010	1.8E+00 1.6E-02 3.2E-02 7	2.6E-02 9.2E-03 25 268	7.2E-01 7.2E-03 114
08:36----09:06	9.7E-03 1.2E+00 3.7E-02 1010	1.8E+00 1.5E-02 3.6E-02 7	3.0E-02 8.7E-03 25 268	7.2E-01 7.1E-03 111
08:41----09:11	9.9E-03 1.3E+00 3.7E-02 1010	1.8E+00 1.6E-02 3.7E-02 7	3.5E-02 9.0E-03 26 268	7.1E-01 7.7E-03 109
08:46----09:16	1.0E-02 1.3E+00 3.7E-02 1010	1.8E+00 1.6E-02 3.9E-02 8	3.8E-02 9.1E-03 26 269	7.0E-01 7.7E-03 107
08:51----09:21	1.0E-02 1.3E+00 3.8E-02 1010	1.8E+00 1.5E-02 4.0E-02 7	3.9E-02 8.8E-03 26 267	7.0E-01 7.5E-03 105
08:56----09:26	1.0E-02 1.3E+00 3.7E-02 1010	1.8E+00 1.5E-02 3.9E-02 7	3.8E-02 9.1E-03 26 269	7.0E-01 7.2E-03 103
09:01----09:31	1.0E-02 1.3E+00 3.7E-02 1010	1.8E+00 1.5E-02 4.1E-02 7	3.8E-02 9.1E-03 26 268	7.0E-01 7.1E-03 102

HAWKESBURY #23, CONT'D

PAGE 14

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
09:06-----09:36	9.8E-03 1.3E+00 3.7E-02 1010	1.9E+00 1.5E-02 4.2E-02 6	3.8E-02 9.4E-03 27 264	7.1E-01 7.1E-03 100
09:11-----09:41	9.6E-03 1.3E+00 3.7E-02 1010	1.9E+00 1.5E-02 4.5E-02 6	3.6E-02 9.2E-03 27 261	7.1E-01 6.8E-03 98
09:16-----09:46	9.5E-03 1.3E+00 3.7E-02 1010	1.9E+00 1.6E-02 4.9E-02 5	3.7E-02 1.0E-02 27 258	7.4E-01 7.0E-03 96
09:21-----09:51	9.4E-03 1.3E+00 3.7E-02 1010	1.9E+00 1.7E-02 5.3E-02 5	4.0E-02 1.1E-02 28 258	7.5E-01 7.2E-03 93
09:26-----09:56	9.3E-03 1.3E+00 3.7E-02 1010	1.9E+00 1.7E-02 5.6E-02 5	4.1E-02 1.1E-02 28 255	7.5E-01 7.4E-03 90
09:31-----10:01	9.3E-03 1.3E+00 3.6E-02 1010	1.9E+00 2.0E-02 5.6E-02 4	4.6E-02 1.3E-02 29 254	7.5E-01 8.3E-03 88
09:36-----10:06	9.5E-03 1.3E+00 3.7E-02 1010	1.9E+00 2.0E-02 5.8E-02 4	4.7E-02 1.3E-02 29 262	7.3E-01 8.5E-03 85
09:41-----10:11	9.8E-03 1.3E+00 3.8E-02 1010	1.9E+00 2.0E-02 5.9E-02 4	4.8E-02 1.3E-02 30 266	7.0E-01 8.5E-03 83
09:46-----10:16	9.7E-03 1.3E+00 3.9E-02 1010	1.8E+00 1.9E-02 6.0E-02 3	4.6E-02 1.2E-02 30 267	6.6E-01 8.6E-03 80
09:51-----10:21	9.8E-03 1.4E+00 4.0E-02 1010	1.8E+00 1.8E-02 6.1E-02 3	4.2E-02 1.1E-02 31 268	6.4E-01 8.5E-03 76
09:56-----10:26	9.9E-03 1.4E+00 4.2E-02 1010	1.8E+00 1.7E-02 6.2E-02 3	3.8E-02 1.0E-02 32 272	6.2E-01 8.5E-03 72

HAWKESBURY #23, CONT'D

PAGE 15

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
10:01----10:31	9.9E-03 1.4E+00 4.4E-02 1010	1.8E+00 1.4E-02 6.3E-02 3	2.8E-02 7.4E-03 32 271	6.0E-01 7.9E-03 70
10:06----10:36	9.6E-03 1.4E+00 4.5E-02 1010	1.8E+00 1.4E-02 6.4E-02 2	2.3E-02 6.7E-03 33 269	5.9E-01 8.0E-03 68
10:11----10:41	9.2E-03 1.4E+00 4.5E-02 1010	1.8E+00 1.4E-02 6.5E-02 2	1.9E-02 6.2E-03 34 267	5.8E-01 8.1E-03 66

STATISTICS

NUMBER OF READINGS 805

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	3.86E-03	1.30E-02	6.90E-03	1.66E-03	6.72E-03	1.26E+00
THC	1.69E+00	2.02E+01	2.14E+00	1.23E+00	2.01E+00	1.32E+00
S02	2.42E-03	8.46E-02	1.55E-02	1.67E-02	9.52E-03	2.60E+00
THC-CH4	5.53E-01	1.08E+01	9.60E-01	1.03E+00	8.28E-01	1.50E+00
CH4	1.10E+00	2.43E+00	1.27E+00	1.41E-01	1.26E+00	1.10E+00
NOX	1.00E-02	9.90E-01	4.77E-02	9.53E-02	2.79E-02	2.27E+00
NO2	1.00E-06	5.02E-01	2.21E-02	4.55E-02	8.47E-03	9.00E+00
NO	3.55E-03	1.02E+00	3.11E-02	8.34E-02	1.45E-02	2.57E+00
OZONE	2.07E-03	4.82E-02	2.99E-02	9.38E-03	2.79E-02	1.51E+00
SOLAR RAD	1.00E-06	6.72E-02	9.60E-03	1.91E-02	6.86E-05	7.45E+01
TEMP	22	34	24	3		
HUMIDITY	58	136	121	19	120	1
BAROMETER	1007	1010	1008	1	1008	1
WIND SPEED	0	11	2	2	1	6

HAWKESBURY #24

DATE: JUL 16 1979
 SCAN TIME: 180 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: HOLIDAY HOTEL - MCGILL ST.(X3010-X5035): 0.6KM @ 125DGS/SRC

TIME	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY	CH4 OZONE BAROMETER
13:59----14:29	1.9E+00 2.2E-02 7.9E-02 6	4.9E-03 1.8E-02 38 253	8.1E-01 8.6E-03 32	1.2E+00 4.9E-02 1009
14:02----14:32	1.9E+00 2.1E-02 7.9E-02 5	4.5E-03 1.7E-02 38 260	8.0E-01 8.3E-03 32	1.2E+00 4.9E-02 1009
14:05----14:35	1.9E+00 2.1E-02 7.8E-02 5	4.3E-03 1.7E-02 38 265	8.1E-01 8.3E-03 32	1.2E+00 4.9E-02 1009
14:08----14:38	1.9E+00 2.1E-02 7.7E-02 5	4.0E-03 1.7E-02 38 269	8.1E-01 8.3E-03 32	1.2E+00 4.9E-02 1009
14:11----14:41	1.9E+00 1.9E-02 7.7E-02 6	3.8E-03 1.6E-02 38 280	8.0E-01 7.7E-03 31	1.2E+00 5.0E-02 1009
14:14----14:44	1.9E+00 1.8E-02 7.7E-02 6	3.6E-03 1.5E-02 38 291	8.1E-01 7.2E-03 31	1.2E+00 5.0E-02 1009
14:17----14:47	2.0E+00 1.9E-02 7.7E-02 6	4.7E-03 1.6E-02 38 297	8.1E-01 7.5E-03 30	1.2E+00 4.9E-02 1009
14:20----14:50	2.0E+00 1.8E-02 7.6E-02 7	1.4E-02 1.5E-02 37 299	8.1E-01 7.3E-03 29	1.2E+00 5.0E-02 1009
14:23----14:53	2.0E+00 1.8E-02 7.6E-02 7	2.4E-02 1.4E-02 37 296	8.1E-01 7.4E-03 29	1.2E+00 4.9E-02 1009
14:26----14:56	1.9E+00 1.8E-02 7.5E-02 7	2.7E-02 1.4E-02 37 295	8.0E-01 7.2E-03 29	1.2E+00 4.9E-02 1009

HAWKESBURY #24, CONT'D

TIME	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY	CH4 OZONE BAROMETER
14:29----14:59	2.0E+00 1.7E-02 7.5E-02 7	2.8E-02 1.4E-02 37 298	8.1E-01 6.9E-03 28	1.2E+00 4.9E-02 1009
14:32----15:02	1.9E+00 1.7E-02 7.5E-02 7	2.9E-02 1.5E-02 37 298	8.1E-01 6.6E-03 28	1.2E+00 4.9E-02 1009
14:35----15:05	1.9E+00 1.8E-02 7.4E-02 7	2.9E-02 1.5E-02 37 293	8.0E-01 6.6E-03 27	1.2E+00 4.9E-02 1009
14:38----15:08	1.9E+00 1.8E-02 7.4E-02 6	3.0E-02 1.5E-02 37 291	7.9E-01 6.9E-03 27	1.2E+00 4.9E-02 1009
14:41----15:11	1.9E+00 1.9E-02 7.4E-02 7	3.0E-02 1.5E-02 37 282	7.9E-01 7.5E-03 27	1.2E+00 4.9E-02 1009
14:44----15:14	1.9E+00 1.9E-02 7.3E-02 7	3.0E-02 1.6E-02 37 278	7.8E-01 8.0E-03 27	1.2E+00 4.8E-02 1009
14:47----15:17	1.9E+00 1.9E-02 7.3E-02 7	2.9E-02 1.5E-02 37 275	7.7E-01 7.9E-03 28	1.2E+00 4.9E-02 1009
14:50----15:20	1.9E+00 1.9E-02 7.2E-02 6	2.0E-02 1.6E-02 37 272	7.8E-01 7.9E-03 28	1.2E+00 4.8E-02 1009
14:53----15:23	1.9E+00 2.0E-02 7.2E-02 6	9.7E-03 1.6E-02 37 271	7.8E-01 8.1E-03 28	1.2E+00 4.8E-02 1009
14:56----15:26	1.9E+00 2.1E-02 7.1E-02 6	6.0E-03 1.7E-02 37 268	7.8E-01 8.5E-03 28	1.2E+00 4.8E-02 1009
14:59----15:29	1.9E+00 2.1E-02 7.1E-02 6	4.5E-03 1.7E-02 37 266	7.7E-01 9.1E-03 28	1.2E+00 4.8E-02 1009

HAWKESBURY #24, CONT'D

PAGE 3

TIME	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY	CH4 OZONE BAROMETER
15:02----15:32	1.9E+00 2.2E-02 7.0E-02 6	3.6E-03 1.7E-02 37 264	7.7E-01 9.5E-03 28	1.2E+00 4.8E-02 1009
15:05----15:35	1.9E+00 2.4E-02 7.0E-02 6	3.3E-03 1.8E-02 37 265	7.7E-01 1.0E-02 28	1.2E+00 4.7E-02 1009
15:08----15:38	1.9E+00 2.6E-02 6.9E-02 6	3.1E-03 2.0E-02 37 265	7.7E-01 1.1E-02 28	1.2E+00 4.6E-02 1009
15:11----15:41	1.9E+00 2.7E-02 6.9E-02 6	3.1E-03 2.0E-02 37 261	7.7E-01 1.2E-02 28	1.2E+00 4.6E-02 1009
15:14----15:44	1.9E+00 2.8E-02 6.8E-02 6	3.1E-03 2.1E-02 37 259	7.6E-01 1.2E-02 28	1.2E+00 4.6E-02 1009
15:17----15:47	1.9E+00 2.9E-02 6.7E-02 6	3.1E-03 2.2E-02 38 257	7.6E-01 1.2E-02 27	1.2E+00 4.5E-02 1009
15:20----15:50	1.9E+00 2.8E-02 6.7E-02 6	3.1E-03 2.1E-02 38 255	7.4E-01 1.2E-02 27	1.2E+00 4.6E-02 1009
15:23----15:53	1.9E+00 2.9E-02 6.6E-02 6	3.2E-03 2.1E-02 38 256	7.4E-01 1.3E-02 28	1.2E+00 4.6E-02 1009
15:26----15:56	1.9E+00 3.0E-02 6.5E-02 6	3.3E-03 2.1E-02 38 256	7.4E-01 1.3E-02 28	1.2E+00 4.6E-02 1009
15:29----15:59	1.9E+00 2.9E-02 6.3E-02 5	3.3E-03 2.1E-02 38 258	7.4E-01 1.3E-02 28	1.2E+00 4.6E-02 1009
15:32----16:02	1.9E+00 2.9E-02 6.2E-02 5	3.3E-03 2.1E-02 38 260	7.4E-01 1.3E-02 28	1.2E+00 4.7E-02 1009

HAWKESBURY #24; CONT'D

PAGE 4

TIME	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY	CH4 OZONE BAROMETER
15:35----16:05	1.9E+00 2.8E-02 6.1E-02 5	3.2E-03 2.0E-02 38 264	7.4E-01 1.2E-02 28	1.2E+00 4.9E-02 1009
15:38----16:08	1.9E+00 2.5E-02 5.9E-02 6	3.1E-03 1.9E-02 38 264	7.3E-01 1.1E-02 29	1.2E+00 5.0E-02 1009
15:41----16:11	1.9E+00 2.5E-02 5.9E-02 6	2.9E-03 1.9E-02 38 268	7.5E-01 1.1E-02 29	1.2E+00 5.1E-02 1009
15:44----16:14	1.9E+00 2.5E-02 5.8E-02 6	2.8E-03 1.9E-02 38 266	7.5E-01 1.0E-02 30	1.2E+00 5.2E-02 1009
15:47----16:17	1.9E+00 2.4E-02 5.7E-02 6	2.8E-03 1.8E-02 37 268	7.6E-01 1.0E-02 30	1.2E+00 5.4E-02 1009
15:50----16:20	1.9E+00 2.5E-02 5.7E-02 6	3.1E-03 1.9E-02 37 271	7.6E-01 1.1E-02 30	1.2E+00 5.4E-02 1009
15:53----16:23	1.9E+00 2.4E-02 5.7E-02 7	3.2E-03 1.8E-02 37 269	7.6E-01 1.0E-02 30	1.2E+00 5.5E-02 1009
15:56----16:26	1.9E+00 2.4E-02 5.7E-02 7	3.2E-03 1.9E-02 37 268	7.7E-01 1.0E-02 31	1.2E+00 5.6E-02 1009
15:59----16:29	1.9E+00 2.5E-02 5.8E-02 7	3.5E-03 2.0E-02 37 263	7.8E-01 1.0E-02 31	1.2E+00 5.5E-02 1009
16:02----16:32	1.9E+00 2.6E-02 5.8E-02 7	3.6E-03 2.0E-02 37 264	7.8E-01 1.1E-02 31	1.2E+00 5.5E-02 1009
16:05----16:35	1.9E+00 2.5E-02 5.6E-02 7	3.7E-03 2.0E-02 37 263	7.8E-01 1.0E-02 31	1.2E+00 5.4E-02 1009

HAWKESBURY #24, CONT'D

PAGE 5

TIME	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY	CH4 OZONE BAROMETER
16:08----16:38	1.9E+00 2.5E-02 5.6E-02 7	4.4E-03 2.0E-02 37 272	7.8E-01 1.1E-02 31	1.2E+00 5.3E-02 1009
16:11----16:41	2.0E+00 2.5E-02 5.5E-02 7	8.6E-03 2.0E-02 37 285	7.9E-01 1.1E-02 31	1.3E+00 5.1E-02 1009
16:14----16:44	2.0E+00 2.6E-02 5.3E-02 8	1.3E-02 2.0E-02 37 298	8.0E-01 1.2E-02 32	1.3E+00 4.8E-02 1009
16:17----16:47	2.0E+00 2.6E-02 5.0E-02 10	1.7E-02 2.0E-02 36 304	8.2E-01 1.2E-02 33	1.3E+00 4.6E-02 1009
16:20----16:50	2.0E+00 2.5E-02 4.6E-02 11	1.9E-02 1.9E-02 36 308	8.3E-01 1.1E-02 34	1.3E+00 4.4E-02 1009
16:23----16:53	2.1E+00 2.6E-02 4.2E-02 12	2.4E-02 1.9E-02 35 313	8.6E-01 1.2E-02 35	1.4E+00 4.2E-02 1009
16:26----16:56	2.2E+00 2.7E-02 3.7E-02 12	3.0E-02 2.0E-02 34 319	9.0E-01 1.2E-02 37	1.4E+00 4.0E-02 1009
16:29----16:59	2.2E+00 2.9E-02 3.3E-02 12	3.9E-02 2.1E-02 34 322	9.3E-01 1.4E-02 39	1.4E+00 3.8E-02 1009
16:32----17:02	2.3E+00 3.0E-02 2.8E-02 12	4.6E-02 2.1E-02 33 328	9.4E-01 1.4E-02 40	1.4E+00 3.6E-02 1009
16:35----17:05	2.3E+00 3.1E-02 2.6E-02 12	5.0E-02 2.1E-02 33 333	1.0E+00 1.5E-02 42	1.4E+00 3.5E-02 1009
16:38----17:08	2.3E+00 3.2E-02 2.1E-02 12	5.3E-02 2.2E-02 32 336	1.0E+00 1.6E-02 43	1.4E+00 3.4E-02 1009

HAWKESBURY #24, CONT'D

PAGE 6

TIME	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY	CH4 OZONE BAROMETER
16:41----17:11	2.3E+00 3.2E-02 1.7E-02 10	5.1E-02 2.1E-02 32 339	1.0E+00 1.6E-02 43	1.4E+00 3.4E-02 1010
16:44----17:14	2.3E+00 3.1E-02 1.5E-02 8	4.9E-02 2.1E-02 32 341	1.0E+00 1.6E-02 44	1.4E+00 3.4E-02 1010
16:47----17:17	2.3E+00 3.1E-02 1.2E-02 7	4.9E-02 2.1E-02 32 346	9.9E-01 1.6E-02 44	1.4E+00 3.4E-02 1010
16:50----17:20	2.3E+00 3.1E-02 1.1E-02 6	5.1E-02 2.1E-02 31 353	1.0E+00 1.6E-02 45	1.4E+00 3.3E-02 1010
16:53----17:23	2.2E+00 3.0E-02 1.1E-02 6	5.1E-02 2.1E-02 31 359	9.8E-01 1.5E-02 46	1.4E+00 3.3E-02 1010
16:56----17:26	2.2E+00 3.1E-02 1.2E-02 5	5.3E-02 2.2E-02 31 0	9.6E-01 1.5E-02 46	1.4E+00 3.2E-02 1010
16:59----17:29	2.2E+00 2.9E-02 1.3E-02 5	5.2E-02 2.0E-02 31 4	9.4E-01 1.4E-02 47	1.3E+00 3.2E-02 1010
17:02----17:32	2.2E+00 2.9E-02 1.4E-02 5	5.2E-02 2.0E-02 31 356	9.3E-01 1.4E-02 47	1.3E+00 3.2E-02 1010
17:05----17:35	2.2E+00 3.0E-02 1.4E-02 4	5.6E-02 2.1E-02 31 353	9.1E-01 1.4E-02 48	1.3E+00 3.0E-02 1010
17:08----17:38	2.2E+00 2.9E-02 1.4E-02 4	6.1E-02 2.0E-02 31 350	9.1E-01 1.4E-02 49	1.3E+00 3.0E-02 1010
17:11----17:41	2.2E+00 3.0E-02 1.3E-02 4	6.5E-02 2.1E-02 31 351	9.1E-01 1.5E-02 50	1.3E+00 2.9E-02 1010

HAWKESBURY #24, CONT'D

PAGE 7

TIME	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY	CH4 OZONE BAROMETER
17:14----17:44	2.2E+00 3.1E-02 1.3E-02 4	6.8E-02 2.1E-02 31 354	9.2E-01 1.5E-02 52	1.3E+00 2.8E-02 1010
17:17----17:47	2.2E+00 3.2E-02 1.3E-02 4	7.1E-02 2.2E-02 30 355	9.5E-01 1.6E-02 53	1.3E+00 2.7E-02 1010
17:20----17:50	2.2E+00 3.3E-02 1.2E-02 4	7.5E-02 2.3E-02 30 353	9.6E-01 1.6E-02 53	1.3E+00 2.6E-02 1010
17:23----17:53	2.2E+00 3.3E-02 1.1E-02 3	7.8E-02 2.3E-02 30 2	9.5E-01 1.6E-02 54	1.3E+00 2.5E-02 1010
17:26----17:56	2.2E+00 3.1E-02 1.0E-02 3	7.7E-02 2.1E-02 30 2	9.5E-01 1.5E-02 55	1.3E+00 2.6E-02 1010
17:29----17:59	2.2E+00 3.0E-02 8.5E-03 4	7.5E-02 2.0E-02 30 3	9.5E-01 1.5E-02 55	1.3E+00 2.5E-02 1010
17:32----18:02	2.2E+00 2.9E-02 7.1E-03 4	7.3E-02 2.0E-02 30 4	9.5E-01 1.4E-02 56	1.3E+00 2.5E-02 1010
17:35----18:05	2.1E+00 2.8E-02 6.7E-03 4	6.9E-02 1.9E-02 30 8	9.4E-01 1.4E-02 57	1.3E+00 2.4E-02 1010
17:38----18:08	2.1E+00 2.8E-02 6.7E-03 5	6.7E-02 1.9E-02 30 9	9.5E-01 1.4E-02 58	1.3E+00 2.4E-02 1010
17:41----18:11	2.1E+00 2.8E-02 7.0E-03 5	6.5E-02 1.9E-02 30 10	9.5E-01 1.4E-02 58	1.2E+00 2.4E-02 1010
17:44----18:14	2.1E+00 2.9E-02 7.6E-03 5	6.5E-02 2.0E-02 30 12	9.7E-01 1.4E-02 58	1.2E+00 2.4E-02 1010

HAWKESBURY #24, CONT'D

PAGE 8

TIME	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY	CH4 OZONE BAROMETER
17:47----18:17	2.1E+00 2.8E-02 8.3E-03 5	6.3E-02 2.0E-02 30 14	9.7E-01 1.4E-02 58	1.2E+00 2.4E-02 1010
17:50----18:20	2.1E+00 2.8E-02 8.7E-03 6	5.8E-02 1.9E-02 30 14	9.8E-01 1.4E-02 58	1.2E+00 2.4E-02 1010
17:53----18:23	2.1E+00 2.9E-02 9.1E-03 6	5.3E-02 1.9E-02 29 12	1.0E+00 1.5E-02 58	1.2E+00 2.4E-02 1010
17:56----18:26	2.2E+00 3.1E-02 9.4E-03 6	5.0E-02 1.9E-02 29 13	1.0E+00 1.6E-02 57	1.2E+00 2.4E-02 1010
17:59----18:29	2.2E+00 3.1E-02 9.4E-03 6	4.7E-02 1.9E-02 30 13	1.1E+00 1.6E-02 57	1.2E+00 2.4E-02 1010
18:02----18:32	2.2E+00 3.1E-02 9.4E-03 6	4.4E-02 2.0E-02 30 16	1.1E+00 1.7E-02 57	1.2E+00 2.4E-02 1010
18:05----18:35	2.2E+00 3.0E-02 9.1E-03 5	4.2E-02 1.9E-02 30 17	1.1E+00 1.6E-02 56	1.2E+00 2.4E-02 1010
18:08----18:38	2.2E+00 2.9E-02 8.7E-03 5	3.9E-02 1.9E-02 30 19	1.1E+00 1.5E-02 56	1.2E+00 2.4E-02 1010
18:11----18:41	2.3E+00 2.9E-02 8.0E-03 5	3.6E-02 1.9E-02 30 17	1.1E+00 1.4E-02 56	1.2E+00 2.4E-02 1010
18:14----18:44	2.3E+00 2.8E-02 7.0E-03 5	3.3E-02 1.8E-02 30 15	1.1E+00 1.5E-02 56	1.1E+00 2.3E-02 1010
18:17----18:47	2.3E+00 2.7E-02 6.2E-03 5	3.2E-02 1.7E-02 30 14	1.1E+00 1.4E-02 57	1.1E+00 2.3E-02 1010

HAWKESBURY #24, CONT'D

PAGE 9

TIME	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY	CH4 OZONE BAROMETER
18:20----18:50	2.2E+00 2.6E-02 5.4E-03 5	3.1E-02 1.7E-02 30 12	1.1E+00 1.3E-02 57	1.1E+00 2.3E-02 1010
18:23----18:53	2.3E+00 2.5E-02 4.7E-03 5	3.3E-02 1.7E-02 29 11	1.1E+00 1.2E-02 58	1.1E+00 2.3E-02 1010
18:26----18:56	2.3E+00 2.4E-02 4.0E-03 5	3.5E-02 1.6E-02 29 9	1.2E+00 1.1E-02 58	1.1E+00 2.3E-02 1010
18:29----18:59	2.4E+00 2.4E-02 3.5E-03 5	4.0E-02 1.7E-02 29 10	1.2E+00 1.2E-02 59	1.1E+00 2.2E-02 1010
18:32----19:02	2.4E+00 2.6E-02 3.1E-03 5	4.8E-02 1.8E-02 29 8	1.2E+00 1.2E-02 60	1.1E+00 2.1E-02 1010
18:35----19:05	2.4E+00 2.8E-02 2.7E-03 5	5.7E-02 2.0E-02 29 6	1.2E+00 1.3E-02 60	1.1E+00 1.9E-02 1010
18:38----19:08	2.4E+00 3.1E-02 2.5E-03 4	6.8E-02 2.1E-02 29 1	1.3E+00 1.5E-02 61	1.1E+00 1.8E-02 1010
18:41----19:11	2.4E+00 3.2E-02 2.2E-03 4	8.0E-02 2.2E-02 29 359	1.3E+00 1.5E-02 61	1.1E+00 1.7E-02 1010
18:44----19:14	2.4E+00 3.3E-02 2.0E-03 3	9.2E-02 2.4E-02 29 358	1.3E+00 1.5E-02 62	1.1E+00 1.6E-02 1010
18:47----19:17	2.4E+00 3.7E-02 1.8E-03 3	1.0E-01 2.6E-02 29 355	1.3E+00 1.6E-02 62	1.1E+00 1.4E-02 1010
18:50----19:20	2.5E+00 3.9E-02 1.7E-03 3	1.1E-01 2.8E-02 29 0	1.3E+00 1.7E-02 62	1.1E+00 1.4E-02 1010

HAWKESBURY #24, CONT'D

PAGE 10

TIME	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY	CH4 OZONE BAROMETER
18:53----19:23	2.5E+00 4.1E-02 1.7E-03 2	1.2E-01 2.9E-02 29 357	1.3E+00 1.8E-02 62	1.1E+00 1.3E-02 1010
18:56----19:26	2.5E+00 4.3E-02 1.7E-03 2	1.2E-01 3.0E-02 29 358	1.3E+00 1.9E-02 61	1.1E+00 1.2E-02 1010
18:59----19:29	2.4E+00 4.5E-02 1.7E-03 3	1.3E-01 3.1E-02 29 358	1.2E+00 1.9E-02 61	1.1E+00 1.3E-02 1010
19:02----19:32	2.4E+00 4.2E-02 1.7E-03 3	1.2E-01 3.0E-02 29 358	1.2E+00 1.8E-02 61	1.1E+00 1.3E-02 1010
19:05----19:35	2.4E+00 4.0E-02 1.7E-03 3	1.2E-01 2.9E-02 29 0	1.2E+00 1.7E-02 61	1.1E+00 1.4E-02 1010
19:08----19:38	2.3E+00 3.8E-02 1.7E-03 3	1.1E-01 2.9E-02 29 6	1.2E+00 1.5E-02 60	1.1E+00 1.5E-02 1010
19:11----19:41	2.3E+00 3.5E-02 1.7E-03 3	9.9E-02 2.7E-02 29 4	1.2E+00 1.4E-02 60	1.1E+00 1.6E-02 1010
19:14----19:44	2.3E+00 3.3E-02 1.6E-03 3	8.9E-02 2.5E-02 29 2	1.2E+00 1.3E-02 60	1.1E+00 1.7E-02 1010
19:17----19:47	2.3E+00 3.0E-02 1.6E-03 4	8.0E-02 2.3E-02 29 6	1.2E+00 1.1E-02 60	1.1E+00 1.9E-02 1010
19:20----19:50	2.3E+00 2.7E-02 1.6E-03 4	7.1E-02 2.2E-02 28 6	1.2E+00 1.0E-02 59	1.1E+00 1.9E-02 1010
19:23----19:53	2.3E+00 2.6E-02 1.5E-03 4	6.2E-02 1.9E-02 28 8	1.2E+00 1.2E-02 59	1.0E+00 2.0E-02 1010

HAWKESBURY #24, CONT'D

PAGE 11

TIME	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY	CH4 OZONE BAROMETER
19:26----19:56	2.3E+00 2.5E-02 1.5E-03 4	5.5E-02 1.9E-02 28 7	1.2E+00 1.0E-02 59	1.0E+00 2.0E-02 1010
19:29----19:59	2.2E+00 2.3E-02 1.4E-03 3	4.9E-02 1.7E-02 28 3	1.2E+00 1.0E-02 59	1.0E+00 2.0E-02 1010
19:32----20:02	2.2E+00 2.3E-02 1.3E-03 4	4.7E-02 1.8E-02 28 5	1.2E+00 1.0E-02 58	1.0E+00 2.0E-02 1010
19:35----20:05	2.2E+00 2.3E-02 1.3E-03 4	4.8E-02 1.8E-02 28 4	1.2E+00 9.7E-03 58	1.0E+00 2.0E-02 1010
19:38----20:08	2.2E+00 2.2E-02 1.3E-03 4	5.0E-02 1.6E-02 28 2	1.2E+00 9.4E-03 58	1.0E+00 2.0E-02 1010
19:41----20:11	2.2E+00 2.3E-02 1.3E-03 4	5.5E-02 1.7E-02 28 2	1.2E+00 9.8E-03 58	1.0E+00 2.0E-02 1011
19:44----20:14	2.2E+00 2.3E-02 1.3E-03 4	6.3E-02 1.7E-02 28 4	1.2E+00 1.0E-02 58	1.0E+00 2.0E-02 1011
19:47----20:17	2.2E+00 2.5E-02 1.3E-03 4	7.2E-02 1.8E-02 28 359	1.2E+00 1.3E-02 58	1.0E+00 1.9E-02 1011
19:50----20:20	2.3E+00 2.7E-02 1.3E-03 4	8.1E-02 1.9E-02 28 360	1.2E+00 1.3E-02 58	1.0E+00 1.9E-02 1011
19:53----20:23	2.3E+00 2.7E-02 1.2E-03 4	8.9E-02 2.0E-02 28 358	1.2E+00 1.1E-02 58	1.0E+00 1.8E-02 1011
19:56----20:26	2.3E+00 2.6E-02 1.2E-03 4	9.7E-02 2.0E-02 28 358	1.2E+00 1.1E-02 58	1.0E+00 1.9E-02 1011

HAWKESBURY #24, CONT'D

PAGE 12

TIME	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY	CH4 OZONE BAROMETER
19:59----20:29	2.3E+00 2.5E-02 1.1E-03 5	1.0E-01 2.0E-02 28 360	1.2E+00 1.0E-02 58	1.0E+00 1.9E-02 1011
20:02----20:32	2.3E+00 2.6E-02 1.0E-03 5	1.0E-01 2.0E-02 28 359	1.2E+00 1.0E-02 58	1.0E+00 1.8E-02 1011
20:05----20:35	2.3E+00 2.6E-02 9.4E-04 4	1.0E-01 2.0E-02 28 0	1.2E+00 1.0E-02 58	1.0E+00 1.8E-02 1011
20:08----20:38	2.3E+00 2.6E-02 8.3E-04 4	1.0E-01 2.0E-02 28 1	1.2E+00 1.0E-02 57	1.0E+00 1.8E-02 1011
20:11----20:41	2.5E+00 2.5E-02 7.1E-04 3	9.5E-02 2.0E-02 28 4	1.5E+00 9.8E-03 57	1.0E+00 1.8E-02 1011
20:14----20:44	2.5E+00 2.4E-02 6.1E-04 3	8.7E-02 1.9E-02 28 3	1.5E+00 9.3E-03 57	1.0E+00 1.8E-02 1011
20:17----20:47	2.5E+00 2.2E-02 5.3E-04 3	7.7E-02 1.9E-02 28 7	1.5E+00 6.9E-03 56	1.0E+00 1.8E-02 1011
20:20----20:50	2.5E+00 2.1E-02 4.5E-04 3	6.8E-02 1.9E-02 28 6	1.4E+00 6.1E-03 56	1.0E+00 1.8E-02 1011
20:23----20:53	2.5E+00 2.0E-02 3.7E-04 2	5.9E-02 1.8E-02 28 5	1.5E+00 5.5E-03 56	1.0E+00 1.8E-02 1011
20:26----20:56	2.5E+00 2.0E-02 3.0E-04 2	5.1E-02 1.9E-02 28 12	1.5E+00 5.0E-03 55	1.0E+00 1.8E-02 1011
20:29----20:59	2.6E+00 2.0E-02 2.4E-04 1	4.5E-02 1.9E-02 28 19	1.5E+00 4.7E-03 55	1.0E+00 1.8E-02 1011

HAWKESBURY #24, CONT'D

PAGE 13

TIME	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY	CH4 OZONE BAROMETER
20:32----21:02	2.6E+00 2.0E-02 1.8E-04 1	4.1E-02 1.9E-02 28 22	1.5E+00 4.7E-03 55	1.0E+00 1.7E-02 1012
20:35----21:05	2.6E+00 2.0E-02 1.4E-04 1	3.8E-02 1.9E-02 28 22	1.5E+00 5.2E-03 55	1.0E+00 1.7E-02 1012
20:38----21:08	2.6E+00 2.0E-02 1.0E-04 1	3.6E-02 1.9E-02 28 17	1.6E+00 5.6E-03 56	1.0E+00 1.7E-02 1012
20:41----21:11	2.4E+00 2.2E-02 7.3E-05 1	3.4E-02 1.9E-02 27 19	1.3E+00 7.8E-03 56	1.0E+00 1.6E-02 1012
20:44----21:14	2.5E+00 2.5E-02 5.0E-05 1	3.3E-02 1.9E-02 27 20	1.4E+00 9.9E-03 56	1.0E+00 1.6E-02 1012
20:47----21:17	2.5E+00 2.5E-02 3.3E-05 1	3.2E-02 2.0E-02 27 20	1.4E+00 1.0E-02 56	1.0E+00 1.5E-02 1012
20:50----21:20	2.5E+00 2.6E-02 1.9E-05 1	3.2E-02 2.0E-02 27 18	1.4E+00 1.1E-02 56	1.0E+00 1.5E-02 1012
20:53----21:23	2.5E+00 2.6E-02 1.0E-05 1	3.2E-02 2.0E-02 27 17	1.3E+00 1.1E-02 57	1.0E+00 1.5E-02 1012
20:56----21:26	2.4E+00 2.8E-02 5.2E-06 1	3.1E-02 2.1E-02 27 16	1.3E+00 1.2E-02 57	1.0E+00 1.5E-02 1012
20:59----21:29	2.4E+00 2.8E-02 3.5E-06 1	3.1E-02 2.0E-02 27 13	1.3E+00 1.2E-02 58	1.0E+00 1.4E-02 1012
21:02----21:32	2.4E+00 2.8E-02 3.5E-06 0	3.1E-02 2.1E-02 27 17	1.3E+00 1.2E-02 58	1.0E+00 1.4E-02 1012

HAWKESBURY #24, CONT'D

PAGE 14

TIME	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY	CH4 OZONE BAROMETER
------	---------------------------------------	--------------------------------------	---------------------------	---------------------------

STATISTICS

NUMBER OF READINGS 151

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	1.83E+00	4.80E+00	2.17E+00	3.22E-01	2.15E+00	1.13E+00
SO2	1.70E-03	1.49E-01	4.33E-02	3.85E-02	2.29E-02	3.82E+00
THC-CH4	7.06E-01	3.74E+00	1.03E+00	3.20E-01	9.97E-01	1.28E+00
CH4	9.69E-01	1.70E+00	1.17E+00	1.21E-01	1.17E+00	1.11E+00
NOX	1.34E-02	5.46E-02	2.66E-02	8.68E-03	2.53E-02	1.37E+00
NO2	4.21E-03	3.69E-02	1.97E-02	5.60E-03	1.90E-02	1.33E+00
NO	1.30E-03	3.00E-02	1.16E-02	5.68E-03	1.03E-02	1.67E+00
OZONE	9.05E-03	5.96E-02	3.13E-02	1.46E-02	2.79E-02	1.64E+00
SOLAR RAD	1.00E-06	8.07E-02	2.76E-02	3.10E-02	5.19E-03	1.75E+01
TEMP	26	39	32	4		
HUMIDITY	25	63	46	13	44	1
BAROMETER	1009	1013	1010	1	1010	1
WIND SPEED	0	21	5	4	4	3

HAWKESBURY #25

DATE: JUL 16 1979
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: CRNR BON PASTEUR & GENEVIEVE STS(X2965-X5030); 0.4KM & 175DGS

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
22:05-----22:35	2.3E-03 9.6E-01 1.5E-02 1013	3.9E+00 1.1E-01 1.1E-06 3	7.7E-02 4.0E-02 24 44	1.8E+00 1.2E-01 66
22:08-----22:38	2.4E-03 9.5E-01 1.5E-02 1013	3.7E+00 1.0E-01 1.1E-06 3	7.2E-02 3.7E-02 24 42	1.8E+00 1.1E-01 66
22:11-----22:41	2.6E-03 9.4E-01 1.6E-02 1013	3.2E+00 9.0E-02 1.1E-06 4	6.8E-02 2.8E-02 24 41	1.6E+00 9.9E-02 67
22:14-----22:44	2.7E-03 9.3E-01 1.6E-02 1013	2.8E+00 7.7E-02 1.1E-06 4	6.1E-02 2.6E-02 24 40	1.5E+00 8.7E-02 67
22:17-----22:47	2.8E-03 9.4E-01 1.6E-02 1013	3.0E+00 9.0E-02 1.5E-06 4	6.0E-02 3.2E-02 24 40	1.5E+00 9.6E-02 68
22:20-----22:50	2.9E-03 9.3E-01 1.6E-02 1013	2.9E+00 8.5E-02 1.8E-06 4	5.9E-02 2.8E-02 24 40	1.5E+00 9.4E-02 68
22:23-----22:53	3.0E-03 9.3E-01 1.7E-02 1013	2.8E+00 8.4E-02 1.9E-06 4	5.9E-02 2.8E-02 24 38	1.5E+00 9.3E-02 68
22:26-----22:56	3.0E-03 9.2E-01 1.7E-02 1013	2.6E+00 7.4E-02 2.2E-06 5	6.0E-02 2.7E-02 24 38	1.2E+00 6.6E-02 68
22:29-----22:59	3.2E-03 9.0E-01 1.8E-02 1013	2.1E+00 5.4E-02 2.3E-06 5	5.8E-02 2.0E-02 24 37	9.9E-01 4.6E-02 68
22:32-----23:02	3.2E-03 9.1E-01 1.8E-02 1013	2.1E+00 5.0E-02 2.6E-06 4	5.7E-02 2.7E-02 23 37	1.0E+00 3.8E-02 69

HAWKESBURY #25, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
22:35----23:05	3.2E-03 9.1E-01 1.7E-02 1013	2.4E+00 5.4E-02 3.3E-06 4	5.5E-02 2.5E-02 23 37	1.0E+00 4.5E-02 69
22:38----23:08	3.2E-03 9.1E-01 1.7E-02 1013	2.4E+00 5.7E-02 3.3E-06 4	5.5E-02 2.7E-02 23 37	1.0E+00 4.5E-02 69
22:41----23:11	3.1E-03 9.2E-01 1.7E-02 1013	2.4E+00 6.9E-02 3.7E-06 4	5.5E-02 3.7E-02 23 38	1.1E+00 4.8E-02 69
22:44----23:14	3.1E-03 9.2E-01 1.7E-02 1013	2.4E+00 6.8E-02 3.5E-06 5	5.6E-02 3.6E-02 23 41	1.1E+00 4.7E-02 69
22:47----23:17	3.1E-03 9.2E-01 1.8E-02 1013	2.2E+00 5.6E-02 3.4E-06 5	5.7E-02 3.5E-02 23 43	1.0E+00 3.1E-02 69
22:50----23:20	3.0E-03 9.3E-01 1.8E-02 1013	2.2E+00 5.4E-02 3.5E-06 5	5.8E-02 3.7E-02 23 45	1.0E+00 2.5E-02 70
22:53----23:23	3.0E-03 9.3E-01 1.8E-02 1013	2.2E+00 6.1E-02 3.9E-06 5	5.9E-02 4.4E-02 23 48	1.0E+00 2.6E-02 70
22:56----23:26	2.9E-03 9.5E-01 1.8E-02 1013	2.2E+00 6.1E-02 3.8E-06 4	5.9E-02 4.4E-02 23 52	1.2E+00 2.5E-02 70
22:59----23:29	2.9E-03 9.6E-01 1.8E-02 1013	2.2E+00 6.5E-02 4.1E-06 4	5.9E-02 4.7E-02 23 54	1.2E+00 3.1E-02 70
23:02----23:32	2.9E-03 9.6E-01 1.8E-02 1013	2.4E+00 6.4E-02 4.0E-06 4	6.0E-02 4.7E-02 23 54	1.2E+00 3.1E-02 70
23:05----23:35	2.9E-03 9.7E-01 1.9E-02 1013	2.4E+00 6.3E-02 3.8E-06 4	6.0E-02 4.7E-02 23 54	1.3E+00 3.5E-02 70

HAWKESBURY #25, CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
23:08----23:38	2.9E-03 9.7E-01 1.8E-02 1013	2.4E+00 7.4E-02 3.9E-06 4	6.0E-02 5.4E-02 23 54	1.3E+00 3.7E-02 70
23:11----23:41	3.0E-03 9.8E-01 1.8E-02 1013	2.4E+00 6.3E-02 3.5E-06 4	6.3E-02 4.3E-02 23 56	1.3E+00 3.5E-02 71
23:14----23:44	3.0E-03 9.8E-01 1.8E-02 1013	2.4E+00 7.0E-02 3.9E-06 3	6.5E-02 5.1E-02 23 57	1.3E+00 3.5E-02 71
23:17----23:47	3.1E-03 9.8E-01 1.8E-02 1013	2.4E+00 7.3E-02 4.0E-06 3	6.6E-02 5.4E-02 23 58	1.3E+00 3.5E-02 71
23:20----23:50	3.2E-03 9.8E-01 1.8E-02 1013	2.4E+00 7.0E-02 3.6E-06 2	6.5E-02 5.2E-02 23 60	1.3E+00 3.4E-02 70
23:23----23:53	3.3E-03 9.8E-01 1.8E-02 1013	2.3E+00 6.2E-02 3.4E-06 2	6.3E-02 4.5E-02 23 62	1.2E+00 3.2E-02 70
23:26----23:56	3.3E-03 9.7E-01 1.8E-02 1013	2.4E+00 6.2E-02 3.3E-06 2	6.3E-02 4.5E-02 23 68	1.1E+00 3.3E-02 70
23:29----23:59	3.4E-03 9.6E-01 1.8E-02 1014	2.4E+00 6.3E-02 2.8E-06 3	6.2E-02 4.8E-02 23 67	1.0E+00 2.6E-02 70
23:32----00:02	3.4E-03 9.6E-01 1.9E-02 1014	2.2E+00 5.6E-02 2.6E-06 3	5.8E-02 4.0E-02 23 70	1.0E+00 2.5E-02 69
23:35----00:05	3.4E-03 9.5E-01 1.9E-02 1014	1.9E+00 5.2E-02 2.1E-06 3	5.6E-02 4.0E-02 23 75	9.4E-01 1.9E-02 69
23:38----00:08	3.4E-03 9.5E-01 2.0E-02 1014	1.9E+00 3.8E-02 2.0E-06 3	5.5E-02 3.2E-02 23 78	9.4E-01 1.6E-02 69

HAWKESBURY #25, CONT'D

PAGE 4

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
23:41----00:11	3.4E-03 9.4E-01 2.0E-02 1014	2.0E+00 4.0E-02 2.7E-06 3	5.2E-02 3.2E-02 23 78	9.4E-01 2.3E-02 69

STATISTICS

NUMBER OF READINGS 126

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.54E-03	3.91E-03	2.96E-03	5.62E-04	2.90E-03	1.24E+00
THC	1.76E+00	1.06E+01	2.65E+00	1.85E+00	2.32E+00	1.55E+00
SO2	3.66E-02	1.28E-01	6.11E-02	1.65E-02	5.92E-02	1.28E+00
THC-CH4	8.51E-01	7.54E+00	1.25E+00	9.85E-01	1.11E+00	1.47E+00
CH4	8.74E-01	1.34E+00	9.45E-01	5.92E-02	9.43E-01	1.06E+00
NOX	8.35E-03	3.83E-01	6.72E-02	7.45E-02	3.87E-02	2.82E+00
NO2	1.00E-06	3.02E-01	3.66E-02	6.29E-02	2.55E-03	6.93E+01
NO	3.38E-03	6.45E-01	5.37E-02	9.25E-02	2.21E-02	3.39E+00
OZONE	8.96E-03	2.20E-02	1.76E-02	2.98E-03	1.74E-02	1.21E+00
SOLAR RAD	1.00E-06	1.25E-05	2.68E-06	2.87E-06	1.77E-06	2.32E+00
TEMP	23	25	23	0		
HUMIDITY	63	72	69	2	69	1
BAROMETER	1013	1014	1013	0	1013	1
WIND SPEED	0	11	4	3	3	3

HAWKESBURY #26

DATE: JUL 17 1979
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: 75M S MAIN ON PROSPECT ST(X2965-X5050): 0.25KM & 175DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
00:29----00:59	3.5E-03 9.8E-01 2.1E-02 1014	2.3E+00 7.5E-02 1.1E-06 2	1.1E-01 4.3E-02 22 58	1.2E+00 5.7E-02 63
00:34----01:04	3.5E-03 9.9E-01 2.1E-02 1014	2.5E+00 7.7E-02 1.1E-06 2	1.2E-01 5.0E-02 22 47	1.2E+00 3.8E-02 63
00:39----01:09	3.6E-03 1.0E+00 2.1E-02 1014	2.5E+00 9.8E-02 1.0E-06 2	1.3E-01 6.7E-02 22 43	1.3E+00 4.8E-02 63
00:44----01:14	3.6E-03 1.0E+00 2.1E-02 1014	2.5E+00 9.3E-02 1.0E-06 2	1.4E-01 6.5E-02 22 41	1.3E+00 4.4E-02 63
00:49----01:19	3.7E-03 1.0E+00 2.2E-02 1014	2.4E+00 9.6E-02 1.0E-06 2	1.5E-01 6.9E-02 22 45	1.3E+00 4.2E-02 63
00:54----01:24	3.8E-03 1.0E+00 2.2E-02 1014	2.4E+00 9.4E-02 1.0E-06 3	1.5E-01 6.6E-02 22 47	1.3E+00 4.6E-02 63
00:59----01:29	3.8E-03 1.0E+00 2.2E-02 1014	2.3E+00 7.3E-02 1.0E-06 3	1.5E-01 5.2E-02 22 47	1.4E+00 4.1E-02 63
01:04----01:34	3.8E-03 1.0E+00 2.2E-02 1014	2.2E+00 7.8E-02 1.0E-06 4	1.6E-01 5.2E-02 22 44	1.3E+00 4.7E-02 64
01:09----01:39	3.7E-03 1.0E+00 2.3E-02 1014	2.2E+00 4.3E-02 1.0E-06 5	1.5E-01 2.4E-02 21 42	1.1E+00 3.1E-02 65
01:14----01:44	3.7E-03 9.9E-01 2.3E-02 1014	2.1E+00 4.2E-02 1.0E-06 6	1.3E-01 2.4E-02 21 42	1.1E+00 3.1E-02 66

HAWKESBURY #26; CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
01:19----01:49	3.7E-03 9.9E-01 2.3E-02 1014	2.1E+00 3.8E-02 1.0E-06 7	1.2E-01 2.1E-02 21 41	1.0E+00 2.9E-02 67
01:24----01:54	3.8E-03 9.9E-01 2.3E-02 1014	2.1E+00 3.5E-02 1.0E-06 8	1.1E-01 2.1E-02 21 40	1.0E+00 2.4E-02 68
01:29----01:59	3.7E-03 9.8E-01 2.4E-02 1014	1.9E+00 2.4E-02 1.0E-06 9	9.8E-02 1.3E-02 21 41	8.8E-01 1.8E-02 68
01:34----02:04	3.7E-03 9.7E-01 2.4E-02 1014	1.8E+00 9.5E-03 1.0E-06 10	8.2E-02 5.9E-03 21 42	8.4E-01 6.1E-03 69
01:39----02:09	3.8E-03 9.7E-01 2.5E-02 1014	1.8E+00 1.2E-02 1.0E-06 10	7.3E-02 1.1E-02 21 43	8.5E-01 4.9E-03 69
01:44----02:14	3.9E-03 9.9E-01 2.5E-02 1014	1.8E+00 1.5E-02 1.0E-06 9	8.1E-02 1.2E-02 21 44	9.6E-01 1.5E-02 68
01:49----02:19	4.0E-03 9.9E-01 2.5E-02 1014	1.9E+00 2.2E-02 1.0E-06 8	8.8E-02 1.8E-02 20 48	9.8E-01 1.7E-02 68
01:54----02:24	4.0E-03 1.0E+00 2.6E-02 1014	1.9E+00 2.6E-02 1.0E-06 6	8.9E-02 2.0E-02 20 58	9.7E-01 1.8E-02 67
01:59----02:29	3.9E-03 1.0E+00 2.6E-02 1014	1.9E+00 2.8E-02 1.0E-06 5	8.2E-02 2.2E-02 20 69	9.7E-01 1.9E-02 67
02:04----02:34	3.9E-03 1.0E+00 2.5E-02 1014	2.0E+00 4.9E-02 1.0E-06 3	7.3E-02 3.8E-02 20 89	1.0E+00 2.6E-02 67
02:09----02:39	3.9E-03 1.0E+00 2.5E-02 1014	2.0E+00 5.1E-02 1.0E-06 4	6.9E-02 3.9E-02 20 106	1.1E+00 2.8E-02 67

HAWKESBURY #26, CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
02:14----02:44	3.7E-03 9.9E-01 2.5E-02 1014	2.0E+00 4.9E-02 1.0E-06 4	5.4E-02 3.9E-02 20 113	9.5E-01 1.7E-02 68
02:19----02:49	3.6E-03 9.8E-01 2.5E-02 1014	2.1E+00 4.7E-02 1.0E-06 4	4.0E-02 3.2E-02 20 116	9.6E-01 3.0E-02 68
02:24----02:54	3.5E-03 9.7E-01 2.4E-02 1014	2.1E+00 5.4E-02 1.0E-06 4	3.0E-02 4.2E-02 20 113	9.7E-01 3.0E-02 69
02:29----02:59	3.5E-03 9.6E-01 2.4E-02 1014	2.2E+00 5.6E-02 1.0E-06 4	3.3E-02 4.0E-02 19 109	1.0E+00 3.4E-02 69
02:34----03:04	3.5E-03 9.6E-01 2.5E-02 1014	2.1E+00 3.7E-02 1.0E-06 4	4.0E-02 2.4E-02 19 108	9.4E-01 3.1E-02 69
02:39----03:09	3.5E-03 9.6E-01 2.5E-02 1014	2.1E+00 3.2E-02 1.0E-06 4	5.0E-02 1.9E-02 19 104	9.5E-01 3.1E-02 70
02:44----03:14	3.6E-03 9.7E-01 2.5E-02 1014	2.2E+00 3.2E-02 1.0E-06 4	6.3E-02 1.8E-02 19 104	9.6E-01 3.2E-02 70
02:49----03:19	3.6E-03 9.8E-01 2.5E-02 1014	2.1E+00 3.1E-02 1.0E-06 3	7.3E-02 1.8E-02 19 106	1.0E+00 2.7E-02 71
02:54----03:24	3.7E-03 1.0E+00 2.4E-02 1014	2.2E+00 4.6E-02 1.0E-06 2	8.4E-02 1.0E-02 19 106	1.2E+00 6.7E-02 72
02:59----03:29	3.8E-03 1.0E+00 2.4E-02 1014	2.3E+00 5.5E-02 1.0E-06 2	9.4E-02 1.1E-02 19 100	1.3E+00 8.4E-02 72
03:04----03:34	3.8E-03 1.0E+00 2.3E-02 1014	2.5E+00 7.5E-02 1.0E-06 2	9.9E-02 1.0E-02 19 88	1.4E+00 1.2E-01 72

HAWKESBURY #26, CONT'D

PAGE 4

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
03:09----03:39	3.9E-03 1.0E+00 2.3E-02 1014	2.5E+00 9.6E-02 1.0E-06 2	1.1E-01 1.7E-02 19 72	1.6E+00 1.4E-01 71
03:14----03:44	3.9E-03 1.0E+00 2.3E-02 1014	2.5E+00 9.7E-02 1.0E-06 2	1.2E-01 1.7E-02 19 54	1.6E+00 1.4E-01 71
03:19----03:49	4.0E-03 1.1E+00 2.2E-02 1014	3.0E+00 1.5E-01 1.0E-06 1	1.2E-01 5.1E-02 19 46	1.8E+00 1.6E-01 70
03:24----03:54	4.0E-03 1.0E+00 2.2E-02 1014	3.2E+00 1.8E-01 1.0E-06 2	1.2E-01 8.1E-02 19 48	1.8E+00 1.7E-01 69
03:29----03:59	4.0E-03 1.1E+00 2.3E-02 1014	3.0E+00 1.8E-01 1.0E-06 2	1.2E-01 8.2E-02 19 49	1.9E+00 1.6E-01 68
03:34----04:04	4.1E-03 1.1E+00 2.3E-02 1014	2.9E+00 1.6E-01 1.0E-06 2	1.2E-01 8.7E-02 19 44	1.8E+00 1.2E-01 68
03:39----04:09	4.2E-03 1.1E+00 2.3E-02 1014	3.0E+00 1.7E-01 1.0E-06 2	1.1E-01 9.7E-02 19 45	1.8E+00 1.2E-01 69
03:44----04:14	4.5E-03 1.2E+00 2.1E-02 1014	3.3E+00 1.9E-01 1.0E-06 2	1.1E-01 1.1E-01 19 45	2.1E+00 1.5E-01 69
03:49----04:19	4.8E-03 1.2E+00 2.1E-02 1014	3.2E+00 1.7E-01 1.5E-06 2	1.2E-01 9.5E-02 19 42	2.0E+00 1.4E-01 70
03:54----04:24	5.1E-03 1.2E+00 2.2E-02 1014	3.1E+00 1.4E-01 3.6E-06 2	1.2E-01 6.8E-02 19 43	1.8E+00 1.5E-01 70
03:59----04:29	5.2E-03 1.2E+00 2.2E-02 1014	3.1E+00 1.4E-01 7.4E-06 2	1.1E-01 6.7E-02 19 42	1.6E+00 1.5E-01 70

HAWKESBURY #26, CONT'D

PAGE 5

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
04:04----04:34	5.1E-03 1.2E+00 2.3E-02 1014	3.0E+00 1.3E-01 9.5E-06 2	1.1E-01 6.3E-02 19 46	1.6E+00 1.5E-01 69
04:09----04:39	4.9E-03 1.1E+00 2.4E-02 1015	2.8E+00 1.0E-01 1.0E-05 3	9.9E-02 4.6E-02 19 45	1.4E+00 1.2E-01 68
04:14----04:44	4.7E-03 1.1E+00 2.6E-02 1015	2.5E+00 7.5E-02 1.0E-05 4	8.8E-02 3.6E-02 19 45	1.1E+00 9.8E-02 67
04:19----04:49	4.2E-03 1.0E+00 2.8E-02 1015	2.0E+00 4.6E-02 9.8E-06 4	6.2E-02 1.5E-02 19 43	9.2E-01 7.8E-02 65
04:24----04:54	3.9E-03 9.8E-01 2.8E-02 1015	1.9E+00 2.1E-02 8.1E-06 4	5.1E-02 7.6E-03 19 43	9.0E-01 1.8E-02 65
04:29----04:59	3.8E-03 9.8E-01 2.8E-02 1015	1.9E+00 1.8E-02 4.4E-06 4	4.8E-02 7.5E-03 19 43	9.0E-01 1.4E-02 65
04:34----05:04	3.7E-03 9.7E-01 2.8E-02 1015	1.9E+00 1.6E-02 2.6E-06 4	4.8E-02 7.1E-03 19 43	9.2E-01 1.3E-02 65
04:39----05:09	3.5E-03 9.7E-01 2.8E-02 1015	2.1E+00 2.4E-02 3.4E-06 3	5.3E-02 8.9E-03 19 41	9.7E-01 2.3E-02 65
04:44----05:14	3.4E-03 9.7E-01 2.7E-02 1015	2.3E+00 2.6E-02 1.1E-05 3	5.7E-02 8.8E-03 19 38	1.0E+00 3.5E-02 65
04:49----05:19	3.4E-03 9.7E-01 2.7E-02 1015	2.3E+00 2.8E-02 2.5E-05 3	6.6E-02 8.2E-03 19 40	1.1E+00 3.9E-02 65
04:54----05:24	3.3E-03 9.8E-01 2.7E-02 1015	2.4E+00 3.0E-02 4.8E-05 3	6.5E-02 1.0E-02 19 31	1.2E+00 4.0E-02 65

HAWKESBURY #26, CONT'D

PAGE 6

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
04:59----05:29	3.3E-03 9.8E-01 2.6E-02 1015	2.6E+00 3.5E-02 8.6E-05 3	1.1E-01 1.2E-02 19 29	1.2E+00 5.1E-02 65
05:04----05:34	3.6E-03 9.9E-01 2.6E-02 1015	2.7E+00 3.7E-02 1.5E-04 4	3.7E-01 1.4E-02 19 26	1.4E+00 5.1E-02 64
05:09----05:39	3.9E-03 1.0E+00 2.6E-02 1015	2.6E+00 3.1E-02 2.5E-04 4	6.0E-01 1.1E-02 19 24	1.4E+00 4.9E-02 64
05:14----05:44	4.3E-03 1.0E+00 2.6E-02 1015	2.4E+00 3.0E-02 4.0E-04 4	7.3E-01 1.1E-02 19 25	1.4E+00 4.6E-02 64
05:19----05:49	4.7E-03 1.0E+00 2.6E-02 1015	2.4E+00 2.9E-02 5.9E-04 4	7.7E-01 1.4E-02 19 28	1.3E+00 4.0E-02 64
05:24----05:54	4.9E-03 1.0E+00 2.5E-02 1015	2.3E+00 2.6E-02 8.4E-04 5	7.7E-01 1.3E-02 19 31	1.3E+00 3.9E-02 64
05:29----05:59	5.0E-03 1.0E+00 2.6E-02 1015	2.2E+00 2.4E-02 1.1E-03 5	7.2E-01 1.2E-02 19 33	1.2E+00 2.7E-02 64
05:34----06:04	4.8E-03 9.8E-01 2.6E-02 1015	2.1E+00 2.1E-02 1.4E-03 5	4.7E-01 1.0E-02 19 37	1.0E+00 2.7E-02 64
05:39----06:09	4.3E-03 9.6E-01 2.6E-02 1015	2.0E+00 2.2E-02 1.7E-03 5	2.3E-01 1.1E-02 19 39	1.0E+00 2.2E-02 64
05:44----06:14	3.8E-03 9.5E-01 2.6E-02 1015	1.9E+00 2.2E-02 2.0E-03 6	9.8E-02 1.0E-02 19 42	9.5E-01 1.7E-02 64
05:49----06:19	3.2E-03 9.5E-01 2.6E-02 1015	2.0E+00 2.2E-02 2.2E-03 6	5.9E-02 8.5E-03 19 41	9.6E-01 2.1E-02 63

HAWKESBURY #26, CONT'D

PAGE 7

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
05:54----06:24	2.7E-03 9.6E-01 2.6E-02 1015	1.9E+00 2.3E-02 2.3E-03 7	6.1E-02 7.7E-03 19 43	9.4E-01 2.1E-02 63
05:59----06:29	2.3E-03 9.6E-01 2.5E-02 1015	1.9E+00 2.2E-02 2.5E-03 7	6.5E-02 6.8E-03 19 43	9.3E-01 2.4E-02 62
06:04----06:34	1.9E-03 9.6E-01 2.5E-02 1015	1.9E+00 2.2E-02 2.6E-03 8	6.6E-02 6.3E-03 19 43	9.1E-01 2.4E-02 62
06:09----06:39	1.6E-03 9.6E-01 2.6E-02 1015	1.9E+00 1.9E-02 3.0E-03 8	6.1E-02 6.5E-03 19 44	8.7E-01 1.9E-02 61
06:14----06:44	1.3E-03 9.6E-01 2.6E-02 1015	1.9E+00 1.7E-02 4.0E-03 8	6.3E-02 6.8E-03 19 45	8.8E-01 2.4E-02 60
06:19----06:49	1.1E-03 9.7E-01 2.6E-02 1015	1.9E+00 1.4E-02 5.6E-03 8	6.6E-02 5.2E-03 19 46	8.8E-01 2.0E-02 60
06:24----06:54	9.3E-04 9.6E-01 2.6E-02 1016	1.8E+00 1.4E-02 7.5E-03 7	6.2E-02 5.7E-03 19 45	8.8E-01 1.9E-02 59
06:29----06:59	7.2E-04 9.6E-01 2.5E-02 1016	1.9E+00 1.5E-02 9.3E-03 6	6.0E-02 7.6E-03 19 46	9.0E-01 2.2E-02 58
06:34----07:04	5.7E-04 9.7E-01 2.4E-02 1016	2.1E+00 4.6E-02 1.1E-02 5	5.9E-02 2.3E-02 20 49	1.1E+00 4.7E-02 57
06:39----07:09	4.3E-04 9.7E-01 2.3E-02 1016	2.1E+00 6.9E-02 1.1E-02 4	6.6E-02 2.8E-02 20 54	1.1E+00 6.2E-02 55
06:44----07:14	2.9E-04 9.7E-01 2.3E-02 1016	2.1E+00 7.7E-02 1.0E-02 3	7.4E-02 3.2E-02 20 56	1.1E+00 5.8E-02 53

HAWKESBURY #26, CONT'D

PAGE 8

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
06:49----07:19	1.8E-04 9.7E-01 2.2E-02 1016	2.1E+00 8.6E-02 9.8E-03 3	7.0E-02 4.2E-02 21 69	1.2E+00 5.7E-02 51
06:54----07:24	8.8E-05 9.7E-01 2.2E-02 1016	2.2E+00 9.7E-02 9.2E-03 3	6.8E-02 5.4E-02 21 85	1.2E+00 5.8E-02 50
06:59----07:29	7.3E-05 9.7E-01 2.2E-02 1016	2.1E+00 1.1E-01 8.4E-03 4	6.5E-02 6.4E-02 21 94	1.4E+00 6.1E-02 48
07:04----07:34	3.0E-05 9.5E-01 2.2E-02 1016	2.0E+00 8.7E-02 8.6E-03 4	6.3E-02 5.0E-02 21 91	1.2E+00 3.8E-02 48
07:09----07:39	1.7E-05 9.5E-01 2.3E-02 1016	2.0E+00 6.6E-02 1.0E-02 4	5.5E-02 4.6E-02 22 83	1.2E+00 2.4E-02 47
07:14----07:44	1.1E-06 9.5E-01 2.3E-02 1016	2.0E+00 5.9E-02 1.3E-02 4	4.2E-02 4.2E-02 22 80	1.2E+00 2.3E-02 46
07:19----07:49	1.1E-06 9.4E-01 2.3E-02 1016	2.0E+00 7.6E-02 1.7E-02 4	4.1E-02 4.8E-02 22 71	1.1E+00 3.8E-02 46
07:24----07:54	1.1E-06 9.5E-01 2.3E-02 1016	2.1E+00 7.5E-02 2.0E-02 3	3.9E-02 4.4E-02 22 61	1.1E+00 4.1E-02 45
07:29----07:59	1.1E-06 9.5E-01 2.3E-02 1016	2.0E+00 7.5E-02 2.1E-02 3	3.9E-02 4.8E-02 22 49	9.6E-01 4.2E-02 44
07:34----08:04	1.1E-06 9.6E-01 2.3E-02 1016	2.0E+00 8.8E-02 2.1E-02 3	3.9E-02 5.6E-02 22 48	9.9E-01 4.8E-02 44
07:39----08:09	1.1E-06 9.8E-01 2.2E-02 1016	2.2E+00 9.6E-02 2.1E-02 2	4.1E-02 6.0E-02 22 50	1.1E+00 6.7E-02 44

HAWKESBURY #26; CONT'D

PAGE 9

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
07:44----08:14	1.1E-06 9.8E-01 2.1E-02 1016	2.2E+00 1.1E-01 2.0E-02 2	4.6E-02 6.7E-02 22 54	1.2E+00 7.3E-02 44
07:49----08:19	1.1E-06 9.8E-01 2.2E-02 1016	2.1E+00 8.9E-02 1.8E-02 2	4.5E-02 5.3E-02 22 65	1.2E+00 6.6E-02 44
07:54----08:24	1.1E-06 9.8E-01 2.2E-02 1016	2.2E+00 8.0E-02 1.8E-02 3	4.5E-02 4.6E-02 22 62	1.2E+00 6.2E-02 45
07:59----08:29	1.1E-06 9.8E-01 2.2E-02 1016	2.2E+00 5.9E-02 2.0E-02 3	4.4E-02 3.0E-02 22 64	1.2E+00 6.3E-02 45
08:04----08:34	1.1E-06 9.8E-01 2.2E-02 1016	2.2E+00 5.1E-02 2.2E-02 3	4.2E-02 2.7E-02 22 59	1.1E+00 5.8E-02 45
08:09----08:39	1.1E-06 1.0E+00 2.2E-02 1016	2.3E+00 4.6E-02 2.3E-02 3	4.0E-02 2.2E-02 22 58	1.5E+00 6.3E-02 45
08:14----08:44	1.1E-06 1.0E+00 2.2E-02 1016	2.3E+00 4.1E-02 2.5E-02 3	3.5E-02 1.7E-02 23 56	1.4E+00 6.7E-02 45
08:19----08:49	1.1E-06 1.0E+00 2.2E-02 1016	2.4E+00 6.6E-02 2.6E-02 3	3.3E-02 3.5E-02 23 50	1.4E+00 8.0E-02 44
08:24----08:54	1.1E-06 1.0E+00 2.2E-02 1016	2.3E+00 6.9E-02 2.9E-02 2	3.4E-02 3.5E-02 23 58	1.4E+00 8.4E-02 43
08:29----08:59	1.1E-06 1.0E+00 2.2E-02 1016	2.3E+00 7.3E-02 3.1E-02 2	3.7E-02 3.5E-02 24 71	1.5E+00 9.3E-02 42
08:34----09:04	1.1E-06 1.0E+00 2.2E-02 1016	2.3E+00 7.4E-02 3.2E-02 2	3.8E-02 3.7E-02 24 95	1.5E+00 9.2E-02 41

HAWKESBURY #26, CONT'D

PAGE 10

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
08:39-----09:09	1.1E-06 9.8E-01 2.3E-02 1016	2.1E+00 7.2E-02 3.3E-02 2	3.6E-02 3.8E-02 24 102	1.0E+00 6.9E-02 40

STATISTICS

NUMBER OF READINGS 524

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	6.68E-03	2.67E-03	1.84E-03	4.30E-04	3.38E+01
THC	1.68E+00	8.75E+00	2.24E+00	9.81E-01	2.12E+00	1.33E+00
SO2	1.61E-02	2.25E+00	1.15E-01	2.29E-01	7.20E-02	2.13E+00
THC-CH4	7.56E-01	1.22E+01	1.19E+00	8.85E-01	1.07E+00	1.48E+00
CH4	8.93E-01	2.03E+00	1.00E+00	1.04E-01	9.97E-01	1.09E+00
NOX	3.95E-03	9.36E-01	6.24E-02	1.04E-01	3.04E-02	2.97E+00
NO2	1.00E-06	6.73E-01	3.28E-02	7.82E-02	2.04E-03	5.71E+01
NO	1.68E-03	8.14E-01	5.56E-02	9.73E-02	2.16E-02	3.66E+00
OZONE	7.80E-03	2.98E-02	2.38E-02	3.66E-03	2.34E-02	1.20E+00
SOLAR RAD	1.00E-06	4.34E-02	6.17E-03	1.05E-02	6.55E-05	8.14E+01
TEMP	19	25	21	2		
HUMIDITY	37	74	60	10	59	1
BAROMETER	1014	1016	1015	1	1015	1
WIND SPEED	0	15	4	3	3	4

HAWKESBURY #27

DATE: JUL 17 1979
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION:
 HAWKESBURY WATERWORKS - MAIN ST.(X2920-X5070); 0.4KM & 270DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
10:23----10:53	5.9E-04 1.2E+00 2.5E-02 1016	2.3E+00 6.1E-02 6.6E-02 3	9.8E-02 3.1E-02 28 87	9.8E-01 5.1E-02 28
10:26----10:56	6.3E-04 1.2E+00 2.6E-02 1016	2.3E+00 4.6E-02 6.6E-02 3	1.0E-01 2.1E-02 28 85	9.5E-01 6.0E-02 28
10:29----10:59	6.5E-04 1.2E+00 2.5E-02 1016	2.7E+00 7.0E-02 6.7E-02 3	1.0E-01 2.8E-02 29 82	1.0E+00 9.0E-02 28
10:32----11:02	7.1E-04 1.2E+00 2.6E-02 1016	2.5E+00 7.7E-02 6.7E-02 3	9.4E-02 3.0E-02 29 81	1.0E+00 9.0E-02 28
10:35----11:05	7.1E-04 1.2E+00 2.8E-02 1016	2.3E+00 7.3E-02 6.7E-02 3	7.8E-02 2.8E-02 29 80	9.4E-01 8.7E-02 27
10:38----11:08	7.0E-04 1.2E+00 2.9E-02 1016	2.5E+00 7.2E-02 6.8E-02 2	5.6E-02 3.0E-02 29 78	9.5E-01 8.6E-02 27
10:41----11:11	6.7E-04 1.2E+00 2.9E-02 1016	2.5E+00 7.4E-02 6.8E-02 2	4.4E-02 3.0E-02 29 78	9.4E-01 9.8E-02 27
10:44----11:14	6.3E-04 1.2E+00 3.0E-02 1016	2.5E+00 7.4E-02 6.9E-02 3	3.7E-02 3.0E-02 29 80	8.5E-01 9.8E-02 27
10:47----11:17	6.2E-04 1.2E+00 3.0E-02 1016	2.5E+00 7.4E-02 6.9E-02 3	3.7E-02 3.1E-02 29 94	8.8E-01 8.4E-02 26
10:50----11:20	6.2E-04 1.2E+00 3.0E-02 1016	2.6E+00 7.6E-02 6.7E-02 2	3.7E-02 3.5E-02 29 96	9.3E-01 7.5E-02 26

HAWKESBURY #27, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
10:53----11:23	6.3E-04 1.2E+00 2.9E-02 1016	2.8E+00 8.4E-02 6.3E-02 2	3.8E-02 3.6E-02 29 97	9.5E-01 8.5E-02 26
10:56----11:26	6.6E-04 1.2E+00 2.9E-02 1016	2.8E+00 8.6E-02 5.7E-02 2	4.1E-02 3.8E-02 29 93	9.5E-01 7.7E-02 26
10:59----11:29	7.5E-04 1.2E+00 2.9E-02 1016	2.4E+00 5.8E-02 5.0E-02 2	4.5E-02 2.9E-02 29 92	8.6E-01 4.3E-02 26
11:02----11:32	7.5E-04 1.2E+00 2.9E-02 1016	2.4E+00 6.1E-02 4.4E-02 2	4.6E-02 3.7E-02 29 94	8.9E-01 4.4E-02 26
11:05----11:35	7.9E-04 1.2E+00 2.9E-02 1016	2.4E+00 6.1E-02 4.1E-02 2	4.7E-02 3.7E-02 30 92	9.0E-01 4.6E-02 26
11:08----11:38	8.0E-04 1.2E+00 2.8E-02 1016	2.5E+00 6.1E-02 4.0E-02 2	5.0E-02 3.3E-02 30 91	9.4E-01 6.5E-02 26

STATISTICS

NUMBER OF READINGS 75

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	1.25E-03	6.69E-04	3.20E-04	4.72E-04	3.66E+00
THC	1.70E+00	9.82E+00	2.51E+00	1.61E+00	2.23E+00	1.52E+00
SO2	1.99E-02	3.85E-01	6.54E-02	5.58E-02	5.08E-02	1.96E+00
THC-CH4	6.27E-01	3.01E+00	9.55E-01	4.75E-01	8.78E-01	1.46E+00
CH4	1.12E+00	1.40E+00	1.20E+00	4.96E-02	1.20E+00	1.04E+00
NOX	1.41E-02	4.77E-01	7.17E-02	8.49E-02	4.80E-02	2.29E+00
NO2	1.00E-06	3.18E-01	3.51E-02	5.57E-02	3.95E-03	5.17E+01
NO	8.36E-03	6.85E-01	6.84E-02	1.26E-01	3.11E-02	2.94E+00
OZONE	1.30E-02	3.41E-02	2.74E-02	4.75E-03	2.69E-02	1.21E+00
SOLAR RAD	6.11E-03	7.51E-02	5.68E-02	2.26E-02	4.71E-02	2.16E+00
TEMP	27	31	29	1		
HUMIDITY	18	31	27	2	27	1
BAROMETER	1016	1017	1016	0	1016	1
WIND SPEED	0	8	3	2	1	4

HAWKESBURY #28

DATE: JUL 17 1979
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: CRNR KITCHENER & MAIN STS.(X2950-X5065); 0.1KM & 210DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
12:01----12:31	5.3E-03 1.3E+00 2.4E-02 1015	2.6E+00 9.3E-02 7.7E-02 2	1.8E+00 5.0E-02 37 55	1.3E+00 1.1E-01 27
12:04----12:34	6.6E-03 1.3E+00 2.5E-02 1015	2.5E+00 9.4E-02 7.7E-02 2	1.9E+00 4.9E-02 37 63	1.3E+00 1.1E-01 27
12:07----12:37	7.8E-03 1.3E+00 2.5E-02 1015	2.5E+00 8.6E-02 7.7E-02 2	1.9E+00 4.2E-02 37 66	1.3E+00 1.1E-01 27
12:10----12:40	9.0E-03 1.3E+00 2.5E-02 1015	2.4E+00 8.8E-02 7.8E-02 2	2.0E+00 4.6E-02 37 73	1.3E+00 8.4E-02 26
12:13----12:43	1.0E-02 1.3E+00 2.4E-02 1015	2.4E+00 9.4E-02 7.8E-02 2	1.9E+00 4.7E-02 37 72	1.2E+00 8.2E-02 26
12:16----12:46	1.1E-02 1.3E+00 2.4E-02 1015	2.4E+00 9.3E-02 7.8E-02 2	2.1E+00 4.9E-02 37 73	1.3E+00 6.7E-02 26
12:19----12:49	1.2E-02 1.3E+00 2.4E-02 1015	2.4E+00 9.4E-02 7.8E-02 2	2.0E+00 4.9E-02 37 74	1.2E+00 6.4E-02 26
12:22----12:52	1.3E-02 1.3E+00 2.3E-02 1015	2.4E+00 9.5E-02 7.9E-02 2	2.0E+00 4.8E-02 37 75	1.4E+00 6.4E-02 26
12:25----12:55	1.3E-02 1.3E+00 2.4E-02 1015	2.2E+00 9.5E-02 7.9E-02 2	1.7E+00 4.9E-02 37 73	1.3E+00 6.2E-02 25
12:28----12:58	1.3E-02 1.3E+00 2.5E-02 1015	2.2E+00 8.3E-02 7.9E-02 2	1.4E+00 4.1E-02 36 75	1.0E+00 5.8E-02 25

HAWKESBURY #28, CONT'D

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
12:31----13:01	1.2E-02 1.3E+00 2.6E-02 1015	2.1E+00 7.0E-02 7.9E-02 2	1.2E+00 3.3E-02 36 67	1.0E+00 4.9E-02 25
12:34----13:04	1.2E-02 1.3E+00 2.6E-02 1015	2.1E+00 7.2E-02 7.9E-02 2	1.1E+00 3.5E-02 35 64	1.0E+00 4.9E-02 25
12:37----13:07	1.1E-02 1.4E+00 2.6E-02 1015	2.1E+00 7.4E-02 7.9E-02 2	1.0E+00 3.3E-02 35 64	1.0E+00 5.4E-02 25
12:40----13:10	1.0E-02 1.4E+00 2.6E-02 1015	2.1E+00 7.5E-02 7.9E-02 2	8.8E-01 3.0E-02 35 60	9.9E-01 5.7E-02 25
12:43----13:13	9.4E-03 1.4E+00 2.7E-02 1015	2.1E+00 6.8E-02 7.9E-02 2	8.1E-01 2.8E-02 34 62	9.8E-01 5.6E-02 25
12:46----13:16	8.7E-03 1.4E+00 2.7E-02 1015	2.1E+00 6.4E-02 7.9E-02 2	6.7E-01 2.4E-02 34 59	1.0E+00 7.4E-02 25
12:49----13:19	8.0E-03 1.4E+00 2.8E-02 1015	2.1E+00 5.8E-02 7.9E-02 2	5.9E-01 2.3E-02 34 55	1.1E+00 7.1E-02 25

STATISTICS

NUMBER OF READINGS 79

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.76E-03	1.66E-02	8.24E-03	4.37E-03	6.86E-03	1.93E+00
THC	1.73E+00	9.03E+00	2.28E+00	1.00E+00	2.17E+00	1.38E+00
SO2	3.06E-01	5.34E+00	1.25E+00	9.57E-01	9.87E-01	2.00E+00
THC-CH4	5.67E-01	8.02E+00	1.11E+00	9.80E-01	9.52E-01	1.60E+00
CH4	1.19E+00	1.80E+00	1.33E+00	9.70E-02	1.32E+00	1.07E+00
NOX	2.04E-02	3.03E-01	7.51E-02	5.36E-02	6.17E-02	1.85E+00
NO2	1.00E-06	2.62E-01	3.55E-02	4.62E-02	3.66E-03	6.95E+01
NO	9.23E-03	7.15E-01	8.09E-02	1.21E-01	4.71E-02	2.51E+00
OZONE	8.37E-03	3.40E-02	2.62E-02	5.26E-03	2.55E-02	1.27E+00
SOLAR RAD	7.42E-02	8.05E-02	7.79E-02	1.50E-03	7.79E-02	1.02E+00
TEMP	32	39	35	2		
HUMIDITY	23	29	26	1	26	1
BAROMETER	1015	1015	1015	0	1015	1
WIND SPEED	0	7	2	2	2	3

HAWKESBURY #29

DATE: JUL 17 1979

SCAN TIME: 60 SEC

AVERAGING TIME: 30 MIN

LOCATION: HOLIDAY HOTEL - MCGILL ST.(X3010-X5035); 0.6KM & 125DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
13:44----14:14	1.7E-03 1.4E+00 3.2E-02 1015	2.1E+00 2.5E-02 8.3E-02 1	2.6E-02 1.4E-02 37 0	7.3E-01 1.6E-02 16
13:49----14:19	1.8E-03 1.4E+00 3.2E-02 1014	2.0E+00 2.5E-02 8.3E-02 1	2.5E-02 1.4E-02 37 331	7.3E-01 1.6E-02 15
13:54----14:24	1.8E-03 1.4E+00 3.2E-02 1014	2.0E+00 2.5E-02 8.2E-02 1	2.4E-02 1.4E-02 37 315	7.1E-01 1.6E-02 15
13:59----14:29	1.9E-03 1.4E+00 3.2E-02 1014	2.0E+00 2.9E-02 8.2E-02 1	2.4E-02 1.7E-02 37 315	7.2E-01 1.7E-02 15
14:04----14:34	2.0E-03 1.4E+00 3.3E-02 1014	2.0E+00 3.0E-02 8.2E-02 1	2.5E-02 1.7E-02 37 287	7.2E-01 1.8E-02 15
14:09----14:39	2.1E-03 1.4E+00 3.4E-02 1014	1.9E+00 2.7E-02 8.2E-02 1	2.4E-02 1.5E-02 37 250	7.0E-01 1.7E-02 15
14:14----14:44	2.2E-03 1.4E+00 3.4E-02 1014	1.9E+00 2.8E-02 8.1E-02 1	2.3E-02 1.6E-02 37 242	6.8E-01 1.8E-02 15
14:19----14:49	2.3E-03 1.3E+00 3.4E-02 1014	1.9E+00 3.0E-02 8.0E-02 1	2.3E-02 1.5E-02 37 225	6.8E-01 2.0E-02 15
14:24----14:54	2.3E-03 1.3E+00 3.4E-02 1014	2.0E+00 3.2E-02 7.9E-02 1	2.2E-02 1.6E-02 38 213	7.3E-01 2.1E-02 15
14:29----14:59	2.3E-03 1.3E+00 3.4E-02 1014	2.0E+00 2.9E-02 7.5E-02 0	2.0E-02 1.2E-02 38 102	7.7E-01 2.1E-02 14

HAWKESBURY #29, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
14:34----15:04	2.4E-03 1.3E+00 3.3E-02 1014	2.0E+00 2.9E-02 7.4E-02 1	1.8E-02 1.5E-02 38 30	7.9E-01 2.0E-02 14
14:39----15:09	2.3E-03 1.3E+00 3.2E-02 1014	2.1E+00 3.1E-02 7.4E-02 2	1.9E-02 1.6E-02 38 25	8.0E-01 2.0E-02 14
14:44----15:14	2.4E-03 1.3E+00 3.1E-02 1014	2.1E+00 3.1E-02 7.3E-02 3	2.1E-02 1.6E-02 38 21	8.4E-01 2.0E-02 14
14:49----15:19	2.3E-03 1.3E+00 3.1E-02 1014	2.1E+00 3.1E-02 7.2E-02 3	2.3E-02 1.8E-02 38 17	8.8E-01 1.8E-02 14
14:54----15:24	2.4E-03 1.3E+00 3.1E-02 1014	2.1E+00 2.9E-02 7.2E-02 3	2.6E-02 1.7E-02 38 16	8.5E-01 1.7E-02 14
14:59----15:29	2.4E-03 1.3E+00 3.1E-02 1014	2.1E+00 3.0E-02 7.4E-02 2	2.9E-02 1.9E-02 38 9	8.5E-01 1.6E-02 14
15:04----15:34	2.3E-03 1.3E+00 3.1E-02 1014	2.1E+00 2.7E-02 7.3E-02 2	2.8E-02 1.7E-02 38 16	8.6E-01 1.5E-02 14
15:09----15:39	2.2E-03 1.3E+00 3.2E-02 1014	2.1E+00 2.6E-02 7.0E-02 2	2.7E-02 1.7E-02 38 14	8.6E-01 1.4E-02 13
15:14----15:44	2.1E-03 1.3E+00 3.1E-02 1014	2.1E+00 2.7E-02 6.5E-02 2	2.8E-02 1.8E-02 38 13	8.7E-01 1.3E-02 14
15:19----15:49	2.1E-03 1.3E+00 3.1E-02 1014	2.0E+00 2.6E-02 6.2E-02 1	3.0E-02 1.8E-02 38 13	8.3E-01 1.3E-02 13
15:24----15:54	2.0E-03 1.3E+00 3.0E-02 1014	2.0E+00 2.8E-02 6.0E-02 2	3.1E-02 1.9E-02 38 16	8.3E-01 1.4E-02 13

HAWKESBURY #29, CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
15:29-----15:59	2.0E-03 1.3E+00 3.1E-02 1014	2.0E+00 2.5E-02 5.6E-02 1	2.9E-02 1.7E-02 38 21	8.1E-01 1.3E-02 13
15:34-----16:04	1.9E-03 1.3E+00 3.1E-02 1014	2.0E+00 2.5E-02 5.4E-02 2	2.9E-02 1.7E-02 38 22	8.0E-01 1.3E-02 13
15:39-----16:09	1.9E-03 1.3E+00 3.1E-02 1014	2.0E+00 2.4E-02 5.4E-02 2	2.9E-02 1.6E-02 37 29	7.9E-01 1.3E-02 14
15:44-----16:14	1.8E-03 1.3E+00 3.2E-02 1014	1.9E+00 2.3E-02 5.7E-02 0	2.9E-02 1.5E-02 37 62	7.5E-01 1.2E-02 14
15:49-----16:19	1.7E-03 1.3E+00 3.3E-02 1014	1.9E+00 2.0E-02 5.8E-02 0	2.5E-02 1.3E-02 37 91	7.5E-01 1.2E-02 14
15:54-----16:24	1.5E-03 1.3E+00 3.3E-02 1014	1.9E+00 1.7E-02 5.7E-02 0	2.1E-02 1.1E-02 37 199	7.6E-01 9.6E-03 14
15:59-----16:29	1.4E-03 1.3E+00 3.3E-02 1014	2.1E+00 1.7E-02 5.8E-02 0	2.0E-02 1.2E-02 37 211	8.0E-01 9.5E-03 15
16:04-----16:34	1.4E-03 1.3E+00 3.2E-02 1014	2.3E+00 2.1E-02 5.3E-02 0	2.0E-02 1.5E-02 37 336	9.7E-01 1.1E-02 15
16:09-----16:39	1.3E-03 1.3E+00 3.2E-02 1014	2.3E+00 2.3E-02 4.5E-02 1	2.0E-02 1.6E-02 37 344	9.9E-01 1.2E-02 15
16:14-----16:44	1.3E-03 1.3E+00 3.1E-02 1014	2.3E+00 2.4E-02 3.5E-02 2	1.9E-02 1.7E-02 37 8	1.0E+00 1.1E-02 15
16:19-----16:49	1.3E-03 1.3E+00 3.1E-02 1014	2.3E+00 2.4E-02 2.6E-02 3	1.8E-02 1.8E-02 37 13	1.0E+00 1.1E-02 15

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
16:24----16:54	1.3E-03 1.3E+00 3.1E-02 1014	2.3E+00 2.4E-02 1.7E-02 4	1.8E-02 1.8E-02 37 18	1.0E+00 1.1E-02 14
16:29----16:59	1.3E-03 1.3E+00 3.1E-02 1014	2.1E+00 2.3E-02 1.1E-02 4	1.9E-02 1.7E-02 37 20	9.7E-01 1.0E-02 14

STATISTICS

NUMBER OF READINGS 199

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	7.96E-04	2.70E-03	1.85E-03	4.67E-04	1.78E-03	1.32E+00
THC	1.75E+00	6.27E+00	2.06E+00	4.39E-01	2.03E+00	1.16E+00
SO2	1.36E-02	5.15E-02	2.39E-02	7.80E-03	2.28E-02	1.35E+00
THC-CH4	5.42E-01	4.49E+00	8.10E-01	3.09E-01	7.84E-01	1.25E+00
CH4	1.24E+00	1.54E+00	1.32E+00	5.46E-02	1.32E+00	1.04E+00
NOX	9.22E-03	7.55E-02	2.53E-02	1.07E-02	2.34E-02	1.47E+00
NO2	1.00E-06	5.76E-02	1.56E-02	8.57E-03	1.27E-02	2.92E+00
NO	3.39E-03	4.21E-02	1.43E-02	6.86E-03	1.29E-02	1.59E+00
OZONE	2.35E-02	3.67E-02	3.20E-02	2.83E-03	3.19E-02	1.10E+00
SOLAR RAD	5.49E-03	8.35E-02	6.06E-02	2.51E-02	4.99E-02	2.19E+00
TEMP	36	39	37	1		
HUMIDITY	13	18	14	1	14	1
BAROMETER	1014	1015	1014	0	1014	1
WIND SPEED	0	9	3	2	1	4

HAWKESBURY #30

DATE: JUL 17 1979
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: HAWKESBURY D.H. SCHOOL(X2930-X5015); 0.65KM & 210DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
20:41----21:11	2.6E-03 1.0E+00 9.2E-03 1014	3.2E+00 2.8E-01 8.9E-05 0	1.6E-02 1.0E-01 21 250	2.5E+00 2.2E-01 64
20:46----21:16	2.3E-03 1.0E+00 7.7E-03 1014	3.3E+00 2.7E-01 6.5E-05 0	1.5E-02 9.9E-02 21 229	2.5E+00 2.2E-01 67
20:51----21:21	2.2E-03 1.0E+00 6.6E-03 1014	3.0E+00 2.3E-01 3.8E-05 0	1.4E-02 9.1E-02 20 182	2.2E+00 1.8E-01 70
20:56----21:26	2.0E-03 9.9E-01 6.0E-03 1014	2.9E+00 1.7E-01 9.8E-06 0	1.2E-02 8.2E-02 20 175	1.9E+00 1.1E-01 72
21:01----21:31	1.8E-03 9.8E-01 4.7E-03 1014	2.9E+00 1.3E-01 1.2E-06 0	1.1E-02 6.2E-02 20 150	1.7E+00 1.1E-01 73
21:06----21:36	1.7E-03 9.9E-01 2.7E-03 1014	3.0E+00 1.5E-01 1.2E-06 0	1.1E-02 7.4E-02 20 113	1.8E+00 1.2E-01 75
21:11----21:41	1.5E-03 9.3E-01 1.9E-03 1014	2.5E+00 9.4E-02 1.2E-06 0	1.0E-02 5.8E-02 20 98	1.2E+00 6.0E-02 76
21:16----21:46	1.5E-03 9.4E-01 1.1E-03 1014	2.7E+00 1.3E-01 1.2E-06 0	1.0E-02 7.1E-02 20 80	1.3E+00 9.1E-02 77
21:21----21:51	1.4E-03 9.4E-01 7.9E-04 1014	2.7E+00 1.3E-01 1.2E-06 0	1.0E-02 7.2E-02 20 71	1.3E+00 9.4E-02 78
21:26----21:56	1.3E-03 9.6E-01 5.7E-04 1014	2.7E+00 1.2E-01 1.2E-06 0	9.6E-03 7.1E-02 20 69	1.5E+00 8.0E-02 79

HANKESBURY #30, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
21:31----22:01	1.2E-03 9.6E-01 3.3E-04 1014	2.9E+00 1.6E-01 1.0E-06 0	9.7E-03 8.7E-02 20 69	1.6E+00 1.1E-01 80
21:36----22:06	1.2E-03 9.5E-01 3.8E-04 1014	2.8E+00 1.4E-01 1.0E-06 0	9.0E-03 7.5E-02 20 74	1.5E+00 9.3E-02 80
21:41----22:11	1.2E-03 9.5E-01 5.3E-04 1014	2.9E+00 1.5E-01 1.2E-06 0	8.7E-03 8.4E-02 20 80	1.6E+00 9.8E-02 81
21:46----22:16	1.2E-03 9.4E-01 9.8E-04 1014	2.7E+00 1.2E-01 1.5E-06 0	7.9E-03 7.2E-02 20 104	1.5E+00 7.1E-02 80
21:51----22:21	1.1E-03 9.5E-01 1.4E-03 1014	2.7E+00 1.2E-01 1.6E-06 0	7.3E-03 7.2E-02 19 116	1.5E+00 6.8E-02 80
21:56----22:26	1.1E-03 9.3E-01 1.6E-03 1014	2.5E+00 1.2E-01 1.6E-06 0	7.0E-03 6.8E-02 19 122	1.4E+00 6.7E-02 80
22:01----22:31	9.7E-04 9.3E-01 1.8E-03 1014	2.4E+00 7.7E-02 1.6E-06 0	6.0E-03 4.7E-02 19 125	1.4E+00 4.0E-02 81
22:06----22:36	8.5E-04 9.4E-01 2.1E-03 1014	2.4E+00 7.8E-02 1.6E-06 0	5.5E-03 5.0E-02 19 124	1.4E+00 3.8E-02 83
22:11----22:41	7.5E-04 9.4E-01 2.3E-03 1014	2.2E+00 5.5E-02 1.3E-06 0	4.9E-03 3.5E-02 19 124	1.3E+00 2.7E-02 84
22:16----22:46	6.6E-04 9.5E-01 2.5E-03 1014	2.3E+00 5.0E-02 1.1E-06 0	4.4E-03 3.7E-02 19 123	1.3E+00 2.0E-02 86
22:21----22:51	5.9E-04 9.5E-01 2.5E-03 1014	2.3E+00 5.2E-02 1.0E-06 0	4.4E-03 3.7E-02 19 123	1.3E+00 2.1E-02 88

HAWKESBURY #30, CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
22:26----22:56	5.7E-04 9.4E-01 3.7E-03 1014	2.2E+00 4.9E-02 1.0E-06 0	4.2E-03 4.2E-02 19 122	1.2E+00 1.5E-02 90
22:31----23:01	6.0E-04 9.4E-01 5.6E-03 1014	2.2E+00 4.8E-02 1.0E-06 0	4.1E-03 3.9E-02 19 119	1.2E+00 1.9E-02 91
22:36----23:06	6.1E-04 9.6E-01 6.0E-03 1014	2.4E+00 1.1E-01 1.0E-06 0	4.8E-03 4.8E-02 19 119	1.5E+00 6.5E-02 91
22:41----23:11	6.2E-04 9.5E-01 5.7E-03 1014	2.3E+00 1.1E-01 1.0E-06 0	4.9E-03 4.7E-02 19 115	1.5E+00 6.4E-02 92
22:46----23:16	5.9E-04 9.5E-01 5.1E-03 1014	2.4E+00 1.1E-01 1.0E-06 0	4.8E-03 4.1E-02 19 116	1.4E+00 7.2E-02 92
22:51----23:21	5.7E-04 9.5E-01 4.5E-03 1014	2.4E+00 1.2E-01 1.0E-06 0	4.8E-03 4.3E-02 19 121	1.6E+00 8.6E-02 92
22:56----23:26	5.1E-04 9.5E-01 3.2E-03 1014	2.4E+00 1.3E-01 1.0E-06 0	4.9E-03 4.6E-02 18 122	1.5E+00 9.0E-02 94
23:01----23:31	4.1E-04 9.5E-01 1.3E-03 1014	2.4E+00 1.3E-01 1.0E-06 0	4.8E-03 4.6E-02 18 124	1.6E+00 8.7E-02 96
23:06----23:36	3.7E-04 9.3E-01 1.8E-03 1014	2.2E+00 8.3E-02 1.3E-06 0	4.1E-03 4.1E-02 18 133	1.3E+00 4.9E-02 98
23:11----23:41	2.7E-04 9.4E-01 2.6E-03 1014	2.2E+00 8.4E-02 1.7E-06 0	3.8E-03 4.6E-02 18 133	1.3E+00 4.7E-02 100
23:16----23:46	2.2E-04 9.6E-01 3.4E-03 1014	2.2E+00 9.4E-02 2.0E-06 0	3.6E-03 6.3E-02 17 132	1.5E+00 4.0E-02 103

HAWKESBURY #30, CONT'D

PAGE 4

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
23:21----23:51	2.0E-04 9.5E-01 4.2E-03 1014	2.2E+00 9.5E-02 2.4E-06 0	3.4E-03 7.3E-02 17 130	1.4E+00 3.4E-02 104
23:26----23:56	1.9E-04 9.5E-01 5.1E-03 1014	2.3E+00 1.0E-01 3.2E-06 0	3.4E-03 6.7E-02 17 130	1.4E+00 4.6E-02 105
23:31----00:01	2.1E-04 9.7E-01 6.2E-03 1014	2.4E+00 1.1E-01 3.7E-06 0	3.3E-03 6.8E-02 18 129	1.5E+00 5.5E-02 105
23:36----00:06	2.1E-04 9.9E-01 5.3E-03 1014	2.8E+00 1.9E-01 3.4E-06 0	4.4E-03 8.8E-02 18 128	1.7E+00 1.3E-01 105
23:41----00:11	2.3E-04 1.0E+00 4.5E-03 1014	2.8E+00 1.9E-01 3.1E-06 0	4.9E-03 8.3E-02 18 131	1.8E+00 1.5E-01 104

STATISTICS

NUMBER OF READINGS 213

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	3.78E-03	1.02E-03	8.26E-04	5.92E-04	4.41E+00
THC	1.81E+00	1.01E+01	2.59E+00	1.40E+00	2.39E+00	1.42E+00
SO2	2.22E-03	2.50E-02	7.59E-03	4.85E-03	6.38E-03	1.78E+00
THC-CH4	9.41E-01	9.53E+00	1.60E+00	1.29E+00	1.37E+00	1.58E+00
CH4	8.73E-01	1.65E+00	9.65E-01	1.07E-01	9.60E-01	1.10E+00
NOX	1.95E-02	1.17E+00	1.36E-01	1.84E-01	8.12E-02	2.52E+00
NO2	1.00E-06	8.96E-01	6.44E-02	1.06E-01	6.26E-03	7.05E+01
NO	7.73E-04	1.10E+00	9.41E-02	1.85E-01	3.18E-02	4.18E+00
OZONE	1.00E-06	1.75E-02	3.78E-03	3.95E-03	1.38E-03	8.23E+00
SOLAR RAD	1.00E-06	2.08E-04	1.39E-05	4.20E-05	1.85E-06	4.23E+00
TEMP	17	22	19	1		
HUMIDITY	55	107	86	13	85	1
BAROMETER	1014	1014	1014	0	1014	1
WIND SPEED	0	3	0	0	0	3

HAWKESBURY #31

DATE: JUL 18 1979
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: WEST END REJANE ST.(X2900-X5050); 0.65KM & 240DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
00:29----00:59	3.8E-04 9.6E-01 7.2E-05 1014	1.9E+00 5.7E-02 1.4E-06 0	3.5E-03 1.9E-02 15 171	9.5E-01 4.2E-02 114
00:39----01:09	3.6E-04 9.7E-01 8.1E-04 1014	2.3E+00 7.4E-02 2.6E-06 0	4.0E-03 4.0E-02 15 187	1.2E+00 5.9E-02 119
00:49----01:19	3.9E-04 1.0E+00 9.4E-04 1014	2.8E+00 1.7E-01 3.1E-06 0	7.1E-03 4.0E-02 15 181	1.5E+00 1.4E-01 121
00:59----01:29	3.9E-04 1.0E+00 1.6E-03 1014	2.9E+00 1.7E-01 2.9E-06 0	9.1E-03 4.0E-02 15 128	1.6E+00 1.5E-01 120
01:09----01:39	5.4E-04 1.0E+00 9.7E-04 1014	2.7E+00 1.6E-01 2.0E-06 0	1.1E-02 1.6E-02 15 38	1.4E+00 1.5E-01 119
01:19----01:49	5.1E-04 9.9E-01 9.4E-04 1014	2.3E+00 8.6E-02 2.3E-06 0	1.0E-02 1.2E-02 14 288	1.1E+00 9.1E-02 119
01:29----01:59	5.8E-04 9.9E-01 5.4E-04 1014	2.4E+00 1.0E-01 3.9E-06 0	1.0E-02 1.7E-02 14 254	1.2E+00 1.1E-01 120
01:39----02:09	5.0E-04 9.6E-01 5.2E-04 1014	2.4E+00 1.3E-01 3.5E-06 0	1.0E-02 4.1E-02 14 250	1.3E+00 1.2E-01 122
01:49----02:19	5.4E-04 9.6E-01 4.4E-04 1014	2.3E+00 1.1E-01 4.4E-06 0	1.0E-02 4.3E-02 14 265	1.3E+00 9.7E-02 123
01:59----02:29	4.8E-04 9.5E-01 2.4E-04 1014	2.4E+00 9.3E-02 4.2E-06 0	9.9E-03 4.5E-02 14 263	1.3E+00 8.1E-02 123

HAWKESBURY #31, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
02:09-----02:39	4.1E-04 9.4E-01 1.9E-04 1014	2.1E+00 6.0E-02 5.2E-06 0	8.8E-03 2.5E-02 14 258	1.2E+00 4.3E-02 124
02:19-----02:49	4.0E-04 9.1E-01 1.7E-04 1014	2.1E+00 6.2E-02 4.4E-06 0	7.4E-03 2.9E-02 14 237	1.2E+00 4.2E-02 124
02:29-----02:59	4.7E-04 9.1E-01 4.9E-05 1014	2.0E+00 7.5E-02 3.9E-06 0	6.8E-03 3.4E-02 14 230	1.2E+00 5.0E-02 125
02:39-----03:09	5.7E-04 9.1E-01 3.3E-04 1014	2.0E+00 7.2E-02 3.1E-06 0	6.5E-03 3.2E-02 13 222	1.1E+00 4.6E-02 126
02:49-----03:19	5.3E-04 9.1E-01 7.6E-04 1014	2.0E+00 7.4E-02 3.9E-06 0	6.1E-03 3.6E-02 13 181	1.2E+00 4.7E-02 127
02:59-----03:29	5.9E-04 9.0E-01 1.2E-03 1014	1.9E+00 4.7E-02 3.6E-06 0	5.6E-03 2.4E-02 13 148	1.1E+00 2.8E-02 127
03:09-----03:39	6.3E-04 9.1E-01 1.2E-03 1014	2.0E+00 4.4E-02 4.1E-06 0	5.4E-03 2.4E-02 13 117	1.1E+00 2.7E-02 128
03:19-----03:49	7.5E-04 9.1E-01 1.2E-03 1014	2.0E+00 3.4E-02 2.8E-06 0	5.5E-03 1.5E-02 13 110	1.0E+00 3.2E-02 127
03:29-----03:59	8.2E-04 9.0E-01 1.2E-03 1014	1.9E+00 3.5E-02 3.4E-06 0	5.6E-03 1.5E-02 13 112	1.0E+00 3.2E-02 126
03:39-----04:09	8.5E-04 8.9E-01 1.5E-03 1014	2.0E+00 3.7E-02 3.6E-06 0	6.0E-03 1.3E-02 13 114	1.0E+00 3.4E-02 126
03:49-----04:19	9.3E-04 8.9E-01 2.4E-03 1014	2.0E+00 3.7E-02 3.7E-06 0	7.1E-03 1.4E-02 13 148	1.0E+00 2.4E-02 126

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
03:59----04:29	9.3E-04 8.9E-01 3.5E-03 1014	2.0E+00 2.9E-02 3.1E-06 1	8.8E-03 1.1E-02 13 161	9.9E-01 1.9E-02 126
04:09----04:39	1.1E-03 9.1E-01 4.2E-03 1014	1.9E+00 2.2E-02 2.2E-06 1	1.1E-02 9.5E-03 12 173	9.9E-01 1.4E-02 126
04:19----04:49	1.1E-03 9.2E-01 4.9E-03 1014	1.9E+00 1.3E-02 1.7E-06 1	1.3E-02 5.3E-03 12 192	9.9E-01 8.2E-03 125
04:29----04:59	1.2E-03 9.4E-01 6.5E-03 1014	1.9E+00 2.0E-02 2.6E-06 1	1.6E-02 7.6E-03 12 251	1.1E+00 1.4E-02 125
04:39----05:09	1.1E-03 9.7E-01 8.0E-03 1014	2.6E+00 1.1E-01 8.5E-06 1	1.9E-02 5.5E-02 12 277	1.4E+00 6.9E-02 124
04:49----05:19	1.1E-03 1.0E+00 9.0E-03 1014	2.8E+00 1.4E-01 3.1E-05 0	2.0E-02 6.5E-02 13 299	1.5E+00 8.7E-02 123
04:59----05:29	1.1E-03 1.0E+00 8.4E-03 1014	2.8E+00 1.3E-01 1.0E-04 1	2.0E-02 6.4E-02 13 223	1.5E+00 7.9E-02 123
05:09----05:39	1.1E-03 9.7E-01 8.0E-03 1014	2.1E+00 3.9E-02 3.2E-04 1	1.8E-02 1.6E-02 12 216	1.1E+00 2.4E-02 123
05:19----05:49	9.9E-04 9.5E-01 7.9E-03 1014	1.9E+00 7.7E-03 7.5E-04 2	1.6E-02 4.7E-03 12 209	9.9E-01 3.8E-03 125
05:29----05:59	1.0E-03 9.3E-01 8.1E-03 1014	2.0E+00 1.8E-02 1.2E-03 2	1.5E-02 6.7E-03 12 202	1.0E+00 1.6E-02 125
05:39----06:09	9.7E-04 9.2E-01 7.6E-03 1014	2.0E+00 2.6E-02 1.8E-03 1	1.3E-02 8.8E-03 12 188	1.0E+00 2.8E-02 125

HAWKESBURY #31, CONT'D

PAGE 4

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
05:49----06:19	1.0E-03 9.2E-01 5.6E-03 1014	2.0E+00 4.5E-02 3.1E-03 0	1.3E-02 1.4E-02 12 156	1.1E+00 4.2E-02 124
05:59----06:29	9.6E-04 9.6E-01 3.2E-03 1014	2.2E+00 6.4E-02 4.3E-03 0	1.3E-02 1.5E-02 12 131	1.3E+00 6.1E-02 123
06:09----06:39	8.2E-04 9.8E-01 2.0E-03 1014	2.2E+00 1.0E-01 5.2E-03 0	1.4E-02 3.8E-02 13 63	1.3E+00 8.8E-02 123
06:19----06:49	6.9E-04 9.9E-01 2.0E-03 1014	2.3E+00 1.0E-01 7.9E-03 0	1.4E-02 3.4E-02 13 300	1.3E+00 9.0E-02 122
06:29----06:59	5.4E-04 9.6E-01 3.0E-03 1014	2.1E+00 9.1E-02 1.2E-02 1	1.4E-02 3.4E-02 14 292	1.1E+00 7.7E-02 119
06:39----07:09	4.1E-04 9.7E-01 2.8E-03 1014	2.2E+00 7.7E-02 1.6E-02 1	1.6E-02 1.6E-02 15 288	1.2E+00 7.5E-02 114
06:49----07:19	3.5E-04 9.5E-01 3.1E-03 1014	2.2E+00 7.8E-02 1.9E-02 0	1.8E-02 1.8E-02 16 266	1.2E+00 7.4E-02 110
06:59----07:29	4.8E-04 9.2E-01 4.3E-03 1014	2.2E+00 8.1E-02 2.1E-02 0	2.0E-02 2.1E-02 17 261	1.2E+00 8.0E-02 104
07:09----07:39	6.6E-04 8.8E-01 7.0E-03 1014	2.1E+00 6.3E-02 2.4E-02 0	2.1E-02 1.8E-02 18 277	1.2E+00 5.7E-02 98
07:19----07:49	7.8E-04 8.5E-01 9.9E-03 1014	2.1E+00 6.0E-02 2.6E-02 0	2.2E-02 2.1E-02 18 291	1.2E+00 5.0E-02 91
07:29----07:59	7.9E-04 8.3E-01 1.2E-02 1014	2.2E+00 6.3E-02 2.9E-02 0	2.9E-02 1.9E-02 19 293	1.3E+00 5.1E-02 85

HAWKESBURY #31, CONT'D

PAGE 5

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
07:39----08:09	9.0E-04 8.4E-01 1.4E-02 1014	2.3E+00 1.2E-01 3.1E-02 0	3.7E-02 6.0E-02 20 283	1.8E+00 9.5E-02 78
07:49----08:19	9.5E-04 8.5E-01 1.6E-02 1014	2.3E+00 1.2E-01 3.2E-02 0	4.3E-02 5.4E-02 20 277	1.8E+00 9.8E-02 73
07:59----08:29	1.1E-03 8.9E-01 1.7E-02 1014	2.4E+00 1.4E-01 2.9E-02 0	6.1E-02 7.0E-02 21 278	2.2E+00 1.1E-01 68
08:09----08:39	1.2E-03 8.7E-01 1.9E-02 1014	2.4E+00 1.4E-01 2.0E-02 0	7.9E-02 8.3E-02 21 271	1.8E+00 8.5E-02 65
08:19----08:49	1.2E-03 8.7E-01 1.8E-02 1014	2.8E+00 1.8E-01 1.3E-02 0	8.6E-02 8.8E-02 22 256	2.1E+00 1.5E-01 62
08:29----08:59	1.1E-03 8.6E-01 1.8E-02 1014	2.8E+00 1.7E-01 9.4E-03 1	6.7E-02 6.9E-02 22 245	1.9E+00 1.6E-01 60
08:39----09:09	8.1E-04 8.5E-01 1.9E-02 1014	2.6E+00 1.4E-01 1.9E-02 1	4.6E-02 3.4E-02 23 234	1.7E+00 1.5E-01 58

STATISTICS

NUMBER OF READINGS 529

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV
H2S	1.00E-06	2.03E-03	7.42E-04	3.83E-04	5.58E-04	3.20E+00
THC	1.74E+00	1.46E+01	2.24E+00	1.16E+00	2.12E+00	1.31E+00
SO2	2.55E-03	1.07E-01	1.93E-02	2.03E-02	1.35E-02	2.23E+00
THC-CH4	8.01E-01	9.85E+00	1.31E+00	9.99E-01	1.17E+00	1.46E+00
CH4	7.73E-01	1.54E+00	9.27E-01	9.57E-02	9.23E-01	1.10E+00
NOX	1.22E-03	9.72E-01	8.35E-02	1.27E-01	4.96E-02	2.70E+00
NO2	1.00E-06	1.03E+00	3.10E-02	8.59E-02	2.23E-03	5.70E+01
NO	1.00E-06	1.10E+00	6.96E-02	1.13E-01	3.03E-02	6.24E+00
OZONE	1.00E-06	2.43E-02	5.77E-03	6.57E-03	1.36E-03	1.46E+01
SOLAR RAD	1.00E-06	5.70E-02	7.62E-03	1.27E-02	1.00E-04	7.32E+01
TEMP	11	25	15	3		
HUMIDITY	48	129	110	23	107	1
BAROMETER	1013	1014	1014	0	1014	1
WIND SPEED	0	4	0	1	0	4

HAWKESBURY #32

DATE: JUL 18 1979
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION:
 HAWKESBURY WATERWORKS - MAIN ST.(X2920-X5070); 0.4KM @ 270DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
10:07-----10:37	3.0E-05 9.4E-01 3.1E-02 1014	2.0E+00 4.7E-02 6.4E-02 3	2.4E-02 3.3E-02 26 106	1.1E+00 2.7E-02 45
10:12-----10:42	3.4E-04 9.3E-01 3.1E-02 1014	2.1E+00 5.4E-02 7.0E-02 3	2.5E-02 3.5E-02 27 111	1.1E+00 3.5E-02 42
10:17-----10:47	7.3E-04 9.4E-01 3.2E-02 1014	2.1E+00 5.3E-02 6.8E-02 3	2.4E-02 3.4E-02 28 109	1.1E+00 3.7E-02 41
10:22-----10:52	1.1E-03 9.5E-01 3.3E-02 1014	2.2E+00 5.6E-02 6.2E-02 3	2.1E-02 3.5E-02 28 106	1.2E+00 3.8E-02 40
10:27-----10:57	1.5E-03 9.5E-01 3.4E-02 1014	2.1E+00 4.6E-02 6.0E-02 3	2.3E-02 2.4E-02 28 119	1.1E+00 3.7E-02 40
10:32-----11:02	2.0E-03 9.4E-01 3.5E-02 1013	2.1E+00 4.0E-02 6.0E-02 2	2.4E-02 1.9E-02 28 127	1.0E+00 3.3E-02 40
10:37-----11:07	2.4E-03 9.3E-01 3.6E-02 1013	2.0E+00 3.6E-02 5.7E-02 2	2.4E-02 1.6E-02 28 153	1.0E+00 2.7E-02 39
10:42-----11:12	2.5E-03 9.4E-01 3.6E-02 1013	1.9E+00 3.0E-02 5.4E-02 2	2.3E-02 1.5E-02 28 143	1.0E+00 2.1E-02 38
10:47-----11:17	2.5E-03 9.6E-01 3.5E-02 1013	1.8E+00 3.9E-02 5.7E-02 2	2.6E-02 2.0E-02 29 141	1.0E+00 2.3E-02 37
10:52-----11:22	2.5E-03 9.7E-01 3.5E-02 1013	2.0E+00 4.7E-02 6.5E-02 2	2.8E-02 2.5E-02 29 151	1.0E+00 2.3E-02 35

HAWKESBURY #32, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
10:57-----11:27	2.5E-03 9.7E-01 3.6E-02 1013	1.9E+00 4.3E-02 6.8E-02 2	2.6E-02 2.3E-02 30 163	9.3E-01 2.1E-02 33
11:02-----11:32	2.4E-03 9.8E-01 3.6E-02 1013	1.9E+00 3.7E-02 6.9E-02 2	2.3E-02 1.9E-02 31 151	9.1E-01 1.9E-02 31
11:07-----11:37	2.5E-03 9.9E-01 3.5E-02 1013	1.9E+00 4.1E-02 7.3E-02 2	2.2E-02 1.8E-02 32 143	9.0E-01 2.5E-02 29
11:12-----11:42	2.5E-03 9.9E-01 3.5E-02 1013	2.0E+00 4.9E-02 7.7E-02 2	2.2E-02 2.2E-02 33 147	8.9E-01 2.9E-02 27
11:17-----11:47	2.6E-03 9.9E-01 3.6E-02 1013	2.0E+00 4.3E-02 7.8E-02 2	2.0E-02 1.8E-02 33 159	8.4E-01 2.6E-02 26
11:22-----11:52	2.7E-03 9.8E-01 3.6E-02 1013	1.9E+00 3.5E-02 7.8E-02 2	2.1E-02 1.4E-02 33 172	8.3E-01 2.4E-02 25
11:27-----11:57	2.8E-03 9.8E-01 3.6E-02 1013	1.9E+00 3.6E-02 7.9E-02 2	2.2E-02 1.4E-02 34 175	8.4E-01 2.9E-02 24
11:32-----12:02	2.8E-03 9.9E-01 3.6E-02 1013	2.0E+00 4.8E-02 8.0E-02 2	2.4E-02 2.5E-02 34 203	9.6E-01 3.1E-02 23
11:37-----12:07	2.8E-03 1.0E+00 3.6E-02 1013	2.2E+00 5.1E-02 7.9E-02 2	2.5E-02 2.7E-02 34 226	1.0E+00 3.4E-02 24
11:42-----12:12	2.9E-03 1.0E+00 3.6E-02 1013	2.2E+00 5.9E-02 7.6E-02 2	2.6E-02 2.6E-02 34 225	1.1E+00 4.6E-02 24
11:47-----12:17	3.1E-03 1.0E+00 3.7E-02 1013	2.2E+00 6.3E-02 7.5E-02 2	2.6E-02 3.1E-02 34 221	1.1E+00 4.7E-02 24

HAWKESBURY #32, CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
11:52----12:22	3.2E-03 1.0E+00 3.8E-02 1013	2.3E+00 6.3E-02 7.4E-02 2	2.6E-02 2.7E-02 33 219	1.1E+00 6.6E-02 25
11:57----12:27	3.2E-03 1.0E+00 3.8E-02 1013	2.3E+00 6.3E-02 7.3E-02 2	2.5E-02 2.7E-02 33 245	1.1E+00 6.5E-02 26
12:02----12:32	3.1E-03 1.0E+00 3.9E-02 1013	2.3E+00 6.9E-02 7.3E-02 1	2.5E-02 1.9E-02 32 266	1.2E+00 9.2E-02 27
12:07----12:37	3.0E-03 1.0E+00 4.1E-02 1013	2.2E+00 6.3E-02 7.6E-02 2	2.5E-02 1.6E-02 32 293	1.1E+00 8.6E-02 27
12:12----12:42	2.9E-03 1.0E+00 4.2E-02 1013	2.1E+00 7.8E-02 8.1E-02 2	2.6E-02 4.3E-02 32 301	9.9E-01 7.4E-02 28
12:17----12:47	2.7E-03 1.1E+00 4.4E-02 1013	2.1E+00 7.6E-02 8.1E-02 3	2.7E-02 4.1E-02 31 306	9.5E-01 7.4E-02 29
12:22----12:52	2.5E-03 1.1E+00 4.5E-02 1013	2.0E+00 7.6E-02 7.5E-02 3	2.7E-02 4.4E-02 31 307	9.3E-01 5.5E-02 29
12:27----12:57	2.3E-03 1.1E+00 4.5E-02 1013	2.0E+00 8.2E-02 6.6E-02 3	2.8E-02 4.7E-02 31 303	9.2E-01 5.8E-02 29
12:32----13:02	2.2E-03 1.1E+00 4.7E-02 1013	1.9E+00 6.8E-02 6.2E-02 3	2.7E-02 4.4E-02 31 299	7.7E-01 3.6E-02 29
12:37----13:07	2.2E-03 1.1E+00 4.6E-02 1012	1.9E+00 6.9E-02 5.2E-02 3	2.7E-02 4.5E-02 31 298	7.6E-01 3.9E-02 28
12:42----13:12	2.1E-03 1.1E+00 4.7E-02 1012	1.8E+00 4.0E-02 4.7E-02 3	2.6E-02 1.4E-02 31 302	6.8E-01 3.6E-02 28

HAWKESBURY #32, CONT'D

PAGE 4

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
12:47----13:17	2.0E-03 1.1E+00 4.6E-02 1012	1.7E+00 3.9E-02 4.9E-02 2	2.5E-02 1.2E-02 31 295	6.6E-01 3.7E-02 27
12:52----13:22	1.9E-03 1.2E+00 4.4E-02 1012	1.8E+00 4.8E-02 5.1E-02 2	2.5E-02 8.9E-03 31 292	7.8E-01 6.5E-02 27
12:57----13:27	1.8E-03 1.2E+00 4.3E-02 1012	1.8E+00 4.8E-02 5.3E-02 2	2.5E-02 6.9E-03 31 310	7.5E-01 6.2E-02 27
13:02----13:32	1.7E-03 1.2E+00 4.2E-02 1012	1.8E+00 5.3E-02 5.0E-02 2	2.6E-02 1.2E-02 30 320	7.2E-01 6.1E-02 28
13:07----13:37	1.7E-03 1.2E+00 4.1E-02 1012	1.8E+00 5.8E-02 6.0E-02 2	2.7E-02 1.4E-02 30 324	7.5E-01 5.9E-02 29
13:12----13:42	1.7E-03 1.2E+00 4.0E-02 1012	1.8E+00 6.1E-02 6.4E-02 3	2.8E-02 1.7E-02 31 328	7.5E-01 5.8E-02 29
13:17----13:47	1.7E-03 1.3E+00 4.0E-02 1012	1.8E+00 6.1E-02 6.4E-02 4	2.9E-02 1.7E-02 31 329	7.5E-01 5.9E-02 30
13:22----13:52	1.9E-03 1.3E+00 4.1E-02 1012	1.7E+00 5.4E-02 6.9E-02 5	2.9E-02 1.9E-02 32 333	6.1E-01 3.3E-02 30
13:27----13:57	1.9E-03 1.3E+00 4.1E-02 1012	1.7E+00 5.7E-02 7.7E-02 4	3.0E-02 2.4E-02 33 333	6.1E-01 3.6E-02 30
13:32----14:02	1.8E-03 1.3E+00 4.1E-02 1012	1.7E+00 5.5E-02 8.2E-02 5	3.0E-02 2.3E-02 34 322	7.1E-01 3.4E-02 29
13:37----14:07	1.8E-03 1.3E+00 4.1E-02 1012	1.7E+00 5.2E-02 8.0E-02 5	3.0E-02 2.1E-02 35 318	7.4E-01 3.6E-02 28

HAWKESBURY #32, CONT'D

PAGE 5

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
13:42----14:12	1.6E-03 1.3E+00 4.1E-02 1012	1.9E+00 7.4E-02 7.5E-02 4	3.0E-02 4.2E-02 35 307	8.3E-01 4.0E-02 27
13:47----14:17	1.5E-03 1.3E+00 4.1E-02 1012	2.0E+00 8.5E-02 7.4E-02 4	3.0E-02 4.8E-02 36 305	8.3E-01 4.5E-02 27
13:52----14:22	1.5E-03 1.4E+00 4.0E-02 1012	2.0E+00 8.4E-02 7.4E-02 5	3.0E-02 4.7E-02 36 310	8.3E-01 4.7E-02 27
13:57----14:27	1.4E-03 1.4E+00 4.0E-02 1012	2.0E+00 8.7E-02 7.4E-02 5	3.0E-02 5.0E-02 36 305	8.6E-01 5.0E-02 26
14:02----14:32	1.4E-03 1.4E+00 4.0E-02 1012	2.0E+00 9.4E-02 7.4E-02 4	3.1E-02 4.7E-02 36 301	8.2E-01 6.2E-02 26
14:07----14:37	1.4E-03 1.4E+00 4.1E-02 1012	2.0E+00 1.0E-01 7.3E-02 4	3.1E-02 5.5E-02 36 296	7.6E-01 6.1E-02 26
14:12----14:42	1.4E-03 1.4E+00 4.1E-02 1012	1.9E+00 9.6E-02 6.6E-02 4	3.1E-02 4.0E-02 36 301	6.8E-01 7.1E-02 26
14:17----14:47	1.5E-03 1.4E+00 4.1E-02 1012	1.9E+00 8.7E-02 6.1E-02 5	3.1E-02 3.5E-02 35 305	6.6E-01 6.7E-02 27
14:22----14:52	1.5E-03 1.5E+00 4.2E-02 1012	1.9E+00 8.6E-02 6.0E-02 5	3.1E-02 3.4E-02 34 292	6.4E-01 6.4E-02 27
14:27----14:57	1.6E-03 1.5E+00 4.2E-02 1012	1.8E+00 8.1E-02 5.9E-02 5	3.1E-02 2.8E-02 34 296	6.1E-01 6.1E-02 27
14:32----15:02	1.7E-03 1.5E+00 4.2E-02 1012	1.8E+00 7.2E-02 5.8E-02 5	3.0E-02 3.0E-02 33 301	5.3E-01 4.9E-02 27

HAWKESBURY #32, CONT'D

PAGE 6

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
14:37----15:07	1.7E-03 1.5E+00 4.2E-02 1012	1.8E+00 6.7E-02 6.0E-02 6	3.0E-02 2.2E-02 32 305	5.3E-01 5.4E-02 28
14:42----15:12	1.8E-03 1.5E+00 4.3E-02 1011	1.8E+00 5.6E-02 7.0E-02 6	3.0E-02 1.6E-02 32 303	5.6E-01 4.6E-02 28
14:47----15:17	1.7E-03 1.5E+00 4.4E-02 1011	1.8E+00 6.0E-02 7.2E-02 6	2.9E-02 1.6E-02 33 299	5.9E-01 5.4E-02 27
14:52----15:22	1.7E-03 1.5E+00 4.4E-02 1011	1.9E+00 6.8E-02 7.1E-02 5	3.0E-02 1.7E-02 34 300	6.3E-01 6.0E-02 26
14:57----15:27	1.6E-03 1.5E+00 4.4E-02 1011	1.9E+00 6.5E-02 7.0E-02 5	2.9E-02 1.6E-02 34 300	6.2E-01 6.1E-02 26
15:02----15:32	1.7E-03 1.5E+00 4.5E-02 1011	1.9E+00 6.4E-02 6.9E-02 4	2.9E-02 1.5E-02 33 308	6.0E-01 6.0E-02 26
15:07----15:37	1.8E-03 1.5E+00 4.6E-02 1011	1.9E+00 6.4E-02 6.8E-02 4	2.9E-02 1.6E-02 33 310	5.7E-01 5.6E-02 25
15:12----15:42	1.9E-03 1.5E+00 4.7E-02 1011	1.8E+00 5.8E-02 6.7E-02 5	2.8E-02 1.3E-02 33 314	5.0E-01 5.2E-02 26
15:17----15:47	1.8E-03 1.6E+00 4.9E-02 1011	1.8E+00 5.1E-02 6.8E-02 6	2.8E-02 1.1E-02 32 312	4.9E-01 4.3E-02 26
15:22----15:52	1.9E-03 1.6E+00 5.0E-02 1011	1.7E+00 5.1E-02 6.7E-02 6	2.7E-02 1.3E-02 32 315	4.4E-01 4.2E-02 26
15:27----15:57	1.9E-03 1.6E+00 5.1E-02 1011	1.7E+00 5.2E-02 6.6E-02 6	2.7E-02 1.4E-02 31 311	4.3E-01 4.1E-02 26

HAWKESBURY #32, CONT'D

PAGE 7

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
15:32----16:02	1.9E-03 1.6E+00 5.1E-02 1011	1.8E+00 6.4E-02 6.5E-02 5	2.7E-02 2.5E-02 32 303	4.6E-01 4.5E-02 26
15:37----16:07	1.9E-03 1.6E+00 5.1E-02 1011	1.8E+00 7.3E-02 6.4E-02 6	2.7E-02 3.2E-02 31 301	5.0E-01 4.6E-02 26
15:42----16:12	1.9E-03 1.6E+00 5.1E-02 1011	1.8E+00 7.4E-02 6.3E-02 5	2.6E-02 3.3E-02 32 296	5.0E-01 4.6E-02 25
15:47----16:17	2.0E-03 1.6E+00 5.1E-02 1011	1.8E+00 7.4E-02 6.2E-02 5	2.6E-02 3.3E-02 32 299	4.7E-01 4.6E-02 25
15:52----16:22	2.1E-03 1.6E+00 5.1E-02 1011	1.8E+00 8.2E-02 6.1E-02 4	2.6E-02 4.7E-02 32 297	4.9E-01 4.2E-02 25
15:57----16:27	2.1E-03 1.6E+00 5.0E-02 1011	1.8E+00 8.6E-02 5.9E-02 4	2.6E-02 4.7E-02 32 295	5.1E-01 4.6E-02 24
16:02----16:32	2.2E-03 1.6E+00 4.9E-02 1011	1.8E+00 8.7E-02 5.8E-02 4	2.6E-02 4.3E-02 32 288	5.1E-01 4.9E-02 24
16:07----16:37	2.2E-03 1.6E+00 4.8E-02 1011	1.8E+00 8.1E-02 5.7E-02 4	2.6E-02 4.0E-02 32 275	4.8E-01 4.7E-02 23

STATISTICS

NUMBER OF READINGS 394

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	4.05E-03	1.96E-03	8.38E-04	1.12E-03	7.82E+00
THC	1.54E+00	7.28E+00	1.93E+00	7.02E-01	1.86E+00	1.27E+00
SO2	1.45E-02	6.34E-02	2.66E-02	5.33E-03	2.61E-02	1.23E+00
THC-CH4	3.42E-01	5.38E+00	7.85E-01	5.49E-01	6.90E-01	1.58E+00
CH4	8.69E-01	1.68E+00	1.25E+00	2.60E-01	1.22E+00	1.23E+00
NOX	5.86E-03	8.40E-01	6.19E-02	7.29E-02	4.29E-02	2.27E+00
NO2	1.00E-06	9.43E-01	2.74E-02	6.86E-02	1.85E-03	5.80E+01
NO	1.00E-06	5.97E-01	4.61E-02	5.85E-02	2.89E-02	2.98E+00
OZONE	2.16E-02	5.72E-02	4.13E-02	7.61E-03	4.06E-02	1.21E+00
SOLAR RAD	1.14E-02	9.39E-02	6.63E-02	1.89E-02	6.18E-02	1.55E+00
TEMP	24	38	32	3		
HUMIDITY	19	55	29	6	28	1
BAROMETER	1011	1014	1012	1	1012	1
WIND SPEED	0	14	4	3	3	3

HAWKESBURY #33

DATE: JUL 18 1979
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: CONFEDERATION PARK (X3100-X5115); 1.45KM & 075KM/SRC

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
20:28----20:58	4.1E-03 1.0E-06 62	6.1E-02 4.5E-02 1012	4.4E-03 2.4E-04 3	2.0E-02 23 270
20:31----21:01	4.2E-03 1.0E-06 64	7.2E-02 4.4E-02 1012	4.9E-03 1.8E-04 3	2.0E-02 23 268
20:34----21:04	4.2E-03 1.0E-06 65	8.0E-02 4.3E-02 1012	5.5E-03 1.3E-04 3	2.1E-02 23 267
20:37----21:07	4.2E-03 1.0E-06 66	9.0E-02 4.3E-02 1012	6.8E-03 9.6E-05 3	2.2E-02 22 265
20:40----21:10	4.2E-03 1.0E-06 66	9.8E-02 4.2E-02 1012	9.2E-03 6.8E-05 2	2.4E-02 22 263
20:43----21:13	4.2E-03 3.2E-04 66	1.0E-01 4.1E-02 1012	1.5E-02 4.6E-05 2	3.0E-02 22 256
20:46----21:16	4.2E-03 9.3E-04 65	1.1E-01 4.1E-02 1012	1.8E-02 3.0E-05 2	3.2E-02 22 253
20:49----21:19	4.1E-03 9.3E-04 64	1.1E-01 3.9E-02 1012	2.5E-02 1.9E-05 2	4.0E-02 22 253
20:52----21:22	3.8E-03 9.3E-04 65	1.1E-01 3.8E-02 1012	3.2E-02 9.7E-06 2	4.8E-02 22 255
20:55----21:25	3.6E-03 1.2E-02 67	9.5E-02 3.5E-02 1012	4.8E-02 4.2E-06 1	6.7E-02 22 255
20:58----21:28	3.4E-03 7.0E-02 68	8.7E-02 3.3E-02 1012	1.1E-01 1.8E-06 1	8.2E-02 22 256
21:01----21:31	3.3E-03 7.0E-02 69	7.7E-02 3.1E-02 1012	1.2E-01 1.2E-06 1	8.7E-02 22 253

HAWKESBURY #33, CONT'D

PAGE 2

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
21:04----21:34	3.1E-03 7.0E-02 71	7.0E-02 3.0E-02 1012	1.2E-01 1.0E-06 1	8.9E-02 22 251
21:07----21:37	3.1E-03 7.1E-02 72	6.3E-02 3.0E-02 1012	1.2E-01 1.0E-06 1	8.8E-02 22 250
21:10----21:40	2.9E-03 7.5E-02 73	5.9E-02 2.9E-02 1012	1.2E-01 1.0E-06 1	8.5E-02 22 255
21:13----21:43	2.7E-03 9.3E-02 75	5.9E-02 2.9E-02 1012	1.4E-01 1.0E-06 0	9.3E-02 22 280
21:16----21:46	2.6E-03 9.5E-02 77	6.1E-02 2.8E-02 1012	1.5E-01 1.0E-06 0	9.3E-02 22 302
21:19----21:49	2.6E-03 9.7E-02 78	6.5E-02 2.8E-02 1012	1.4E-01 1.0E-06 0	8.7E-02 21 301
21:22----21:52	2.6E-03 1.0E-01 79	6.5E-02 2.8E-02 1012	1.5E-01 1.0E-06 0	8.5E-02 21 294
21:25----21:55	2.6E-03 1.1E-01 80	6.6E-02 2.9E-02 1012	1.6E-01 1.0E-06 1	8.3E-02 21 286
21:28----21:58	2.6E-03 5.0E-02 80	6.8E-02 3.1E-02 1012	9.7E-02 1.0E-06 1	6.8E-02 21 277
21:31----22:01	2.6E-03 5.0E-02 80	7.1E-02 3.1E-02 1012	9.3E-02 1.0E-06 1	6.3E-02 21 275
21:34----22:04	2.6E-03 5.0E-02 81	7.4E-02 3.1E-02 1012	9.2E-02 1.0E-06 2	6.2E-02 21 275
21:37----22:07	2.8E-03 4.9E-02 81	8.5E-02 3.0E-02 1012	9.2E-02 1.0E-06 2	6.2E-02 21 274
21:40----22:10	2.9E-03 4.5E-02 82	1.1E-01 3.0E-02 1012	8.7E-02 1.0E-06 2	6.3E-02 21 274
21:43----22:13	3.2E-03 2.7E-02 83	1.4E-01 3.1E-02 1012	6.0E-02 1.0E-06 2	5.0E-02 21 275

HAWKESBURY #33, CONT'D

PAGE 3

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
21:46----22:16	3.4E-03 2.4E-02 83	1.6E-01 3.0E-02 1012	5.5E-02 1.0E-06 2	4.9E-02 21 275
21:49----22:19	3.6E-03 2.2E-02 84	1.8E-01 3.0E-02 1012	5.0E-02 1.0E-06 2	4.7E-02 21 274
21:52----22:22	3.8E-03 3.5E-02 85	2.0E-01 3.0E-02 1012	4.7E-02 1.0E-06 2	4.0E-02 21 274
21:55----22:25	4.1E-03 4.3E-02 85	2.2E-01 2.8E-02 1012	3.1E-02 1.0E-06 2	2.8E-02 20 274
21:58----22:28	4.3E-03 1.6E-01 86	2.3E-01 2.5E-02 1012	1.5E-01 1.0E-06 1	4.5E-02 20 275
22:01----22:31	4.5E-03 2.7E-01 86	2.5E-01 2.2E-02 1012	2.6E-01 1.0E-06 1	5.0E-02 20 277
22:04----22:34	4.8E-03 3.4E-01 86	2.6E-01 2.0E-02 1012	3.3E-01 1.0E-06 1	6.2E-02 20 277
22:07----22:37	4.9E-03 3.8E-01 86	2.6E-01 1.9E-02 1012	3.8E-01 1.0E-06 0	6.0E-02 20 280
22:10----22:40	5.0E-03 4.3E-01 86	2.4E-01 1.8E-02 1012	4.2E-01 1.0E-06 0	5.8E-02 20 283
22:13----22:43	5.1E-03 4.4E-01 86	2.2E-01 1.8E-02 1012	4.3E-01 1.0E-06 0	5.9E-02 20 289
22:16----22:46	5.1E-03 4.4E-01 87	1.9E-01 1.8E-02 1012	4.3E-01 1.0E-06 0	6.0E-02 20 301
22:19----22:49	5.2E-03 4.4E-01 87	1.7E-01 1.6E-02 1012	4.3E-01 1.0E-06 0	6.3E-02 20 304
22:22----22:52	5.1E-03 4.2E-01 88	1.5E-01 1.4E-02 1012	4.3E-01 1.0E-06 0	6.8E-02 20 307
22:25----22:55	5.0E-03 4.0E-01 88	1.3E-01 1.4E-02 1012	4.3E-01 1.0E-06 0	6.5E-02 20 309

HAWKESBURY #33, CONT'D

PAGE 4

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
22:28----22:58	4.9E-03 3.0E-01 89	1.1E-01 1.4E-02 1012	3.3E-01 1.0E-06 0	6.3E-02 20 311
22:31----23:01	4.8E-03 2.6E-01 89	8.9E-02 1.4E-02 1012	3.0E-01 1.0E-06 0	9.2E-02 20 313
22:34----23:04	4.6E-03 2.8E-01 90	7.4E-02 1.3E-02 1012	3.4E-01 1.0E-06 0	8.7E-02 20 317
22:37----23:07	4.4E-03 3.4E-01 91	6.4E-02 1.2E-02 1012	3.9E-01 1.0E-06 0	9.8E-02 20 319
22:40----23:10	4.2E-03 3.3E-01 92	5.8E-02 1.0E-02 1012	3.9E-01 1.0E-06 0	9.8E-02 20 320
22:43----23:13	4.1E-03 3.9E-01 93	5.3E-02 7.6E-03 1012	4.4E-01 1.0E-06 0	1.1E-01 20 325
22:46----23:16	3.9E-03 4.2E-01 93	5.3E-02 5.0E-03 1012	4.8E-01 1.0E-06 0	1.1E-01 20 328
22:49----23:19	3.8E-03 4.5E-01 93	5.7E-02 4.3E-03 1012	5.1E-01 1.0E-06 0	1.1E-01 20 322

STATISTICS

NUMBER OF READINGS 172

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.61E-03	6.05E-03	3.86E-03	1.00E-03	3.71E-03	1.33E+00
SO2	8.62E-03	3.50E-01	1.06E-01	8.31E-02	7.93E-02	2.22E+00
NOX	1.00E-06	1.22E+00	2.07E-01	3.40E-01	2.52E-02	2.79E+01
NO2	1.00E-06	6.87E-01	6.33E-02	1.07E-01	6.90E-03	6.12E+01
NO	1.00E-06	1.14E+00	1.81E-01	3.23E-01	4.96E-04	3.64E+02
OZONE	1.00E-06	5.13E-02	2.61E-02	1.49E-02	1.65E-02	4.68E+00
SOLAR RAD	1.00E-06	6.32E-04	4.20E-05	1.16E-04	2.54E-06	7.25E+00
TEMP	20	24	21	1		
HUMIDITY	55	96	79	12	78	1
BAROMETER	1012	1013	1012	0	1012	1
WIND SPEED	0	5	1	1	0	6

HAWKESBURY #34

DATE: JUL 18 1979
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: CONFEDERATION PARK (X3100-X5115); 1.45KM @ 075DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
23:27----23:57	4.8E-03 1.7E+00 5.0E-03 1013	3.0E+00 7.0E-02 2.3E-06 1	1.5E-01 5.0E-02 19 277	1.4E+00 3.5E-02 99
23:30----00:00	4.9E-03 1.7E+00 5.4E-03 1013	3.0E+00 6.0E-02 2.1E-06 1	1.7E-01 5.6E-02 19 275	1.4E+00 1.7E-02 99
23:33----00:03	5.2E-03 1.6E+00 5.4E-03 1013	3.0E+00 7.9E-02 2.2E-06 1	1.8E-01 7.0E-02 19 273	1.5E+00 3.0E-02 99
23:36----00:06	5.2E-03 1.6E+00 5.4E-03 1013	3.0E+00 9.7E-02 2.2E-06 1	1.9E-01 7.3E-02 19 273	1.5E+00 4.4E-02 98
23:39----00:09	5.2E-03 1.6E+00 5.4E-03 1013	3.0E+00 1.1E-01 1.9E-06 1	1.8E-01 8.3E-02 19 271	1.5E+00 5.0E-02 97
23:42----00:12	5.2E-03 1.5E+00 6.0E-03 1013	2.9E+00 1.2E-01 1.6E-06 1	1.7E-01 8.3E-02 19 268	1.4E+00 6.0E-02 96
23:45----00:15	5.1E-03 1.5E+00 6.5E-03 1013	2.8E+00 1.2E-01 1.6E-06 1	1.6E-01 8.3E-02 19 261	1.4E+00 6.0E-02 95
23:48----00:18	4.7E-03 1.4E+00 5.3E-03 1013	2.8E+00 1.3E-01 1.6E-06 0	1.5E-01 8.5E-02 19 244	1.4E+00 6.2E-02 94
23:51----00:21	4.4E-03 1.4E+00 4.2E-03 1013	3.6E+00 1.5E-01 1.6E-06 0	1.3E-01 9.0E-02 19 243	1.8E+00 1.0E-01 94
23:54----00:24	4.1E-03 1.4E+00 3.3E-03 1013	4.5E+00 2.7E-01 1.6E-06 0	1.2E-01 1.0E-01 19 243	2.5E+00 2.1E-01 94

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
23:57-----00:27	3.8E-03 1.5E+00 2.5E-03 1013	4.6E+00 3.2E-01 1.5E-06 0	1.0E-01 1.0E-01 19 244	2.6E+00 2.6E-01 94
00:00-----00:30	3.6E-03 1.5E+00 2.7E-03 1013	4.6E+00 3.3E-01 1.1E-06 0	8.5E-02 9.9E-02 19 248	2.6E+00 2.7E-01 95
00:03-----00:33	3.5E-03 1.5E+00 2.9E-03 1013	5.1E+00 3.5E-01 1.0E-06 0	7.3E-02 1.3E-01 19 255	3.0E+00 3.0E-01 96
00:06-----00:36	3.3E-03 1.5E+00 4.2E-03 1013	5.1E+00 3.7E-01 1.0E-06 0	7.3E-02 1.3E-01 18 258	3.0E+00 3.3E-01 97
00:09-----00:39	3.2E-03 1.5E+00 5.6E-03 1013	5.0E+00 3.5E-01 1.0E-06 0	8.0E-02 1.1E-01 18 266	3.0E+00 3.2E-01 98
00:12-----00:42	3.2E-03 1.6E+00 5.6E-03 1013	5.7E+00 3.9E-01 1.0E-06 0	9.2E-02 1.6E-01 18 279	3.4E+00 3.6E-01 99
00:15-----00:45	3.3E-03 1.7E+00 4.9E-03 1013	6.7E+00 4.9E-01 1.0E-06 0	1.0E-01 1.7E-01 18 304	4.3E+00 4.5E-01 101
00:18-----00:48	3.4E-03 1.7E+00 6.5E-03 1013	7.1E+00 5.7E-01 1.0E-06 0	1.2E-01 1.9E-01 18 295	4.3E+00 5.0E-01 102
00:21-----00:51	3.4E-03 1.7E+00 9.1E-03 1013	6.2E+00 5.5E-01 1.0E-06 0	1.3E-01 1.9E-01 18 280	3.8E+00 4.7E-01 102
00:24-----00:54	3.6E-03 1.6E+00 1.1E-02 1013	5.4E+00 4.3E-01 1.0E-06 0	1.4E-01 1.7E-01 18 276	3.2E+00 3.6E-01 103
00:27-----00:57	3.8E-03 1.6E+00 1.3E-02 1013	5.2E+00 3.8E-01 1.0E-06 1	1.5E-01 1.7E-01 18 275	3.0E+00 3.1E-01 103

HAWKESBURY #34, CONT'D

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
00:30----01:00	4.0E-03 1.6E+00 1.5E-02 1013	5.2E+00 3.6E-01 1.0E-06 1	1.7E-01 1.7E-01 18 272	3.0E+00 3.0E-01 104
00:33----01:03	4.1E-03 1.6E+00 1.6E-02 1013	4.6E+00 3.2E-01 1.0E-06 1	1.8E-01 1.2E-01 18 270	2.5E+00 2.4E-01 103
00:36----01:06	4.3E-03 1.6E+00 1.7E-02 1013	4.6E+00 2.7E-01 1.0E-06 1	1.8E-01 1.2E-01 18 269	2.4E+00 2.0E-01 103
00:39----01:09	4.4E-03 1.6E+00 1.8E-02 1013	4.5E+00 2.7E-01 1.0E-06 1	1.8E-01 1.2E-01 18 269	2.4E+00 2.0E-01 102
00:42----01:12	4.4E-03 1.5E+00 2.1E-02 1013	3.9E+00 2.2E-01 1.0E-06 1	1.8E-01 7.3E-02 18 269	2.0E+00 1.6E-01 102
00:45----01:15	4.4E-03 1.4E+00 2.3E-02 1013	2.8E+00 1.1E-01 1.0E-06 1	1.8E-01 5.9E-02 18 270	1.1E+00 5.4E-02 101
00:48----01:18	4.5E-03 1.4E+00 2.3E-02 1013	2.4E+00 2.3E-02 1.0E-06 1	1.8E-01 3.0E-02 18 270	1.1E+00 4.2E-03 101
00:51----01:21	4.5E-03 1.4E+00 2.2E-02 1013	2.4E+00 2.2E-02 1.0E-06 1	1.8E-01 3.0E-02 18 271	1.1E+00 3.2E-03 101
00:54----01:24	4.5E-03 1.4E+00 2.2E-02 1013	2.4E+00 2.2E-02 1.0E-06 1	1.8E-01 3.0E-02 18 272	1.0E+00 2.7E-03 101
00:57----01:27	4.5E-03 1.4E+00 2.2E-02 1013	2.4E+00 2.2E-02 1.0E-06 1	1.9E-01 3.0E-02 17 273	1.0E+00 2.9E-03 101
01:00----01:30	4.5E-03 1.4E+00 2.2E-02 1013	2.4E+00 2.1E-02 1.0E-06 1	1.9E-01 2.9E-02 17 275	1.1E+00 3.1E-03 102

HAWKESBURY #34, CONT'D

PAGE 4

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
01:03-----01:33	4.6E-03 1.4E+00 2.2E-02 1013	2.4E+00 2.1E-02 1.0E-06 1	2.0E-01 2.8E-02 17 277	1.1E+00 3.1E-03 103
01:06-----01:36	4.7E-03 1.4E+00 2.2E-02 1013	2.4E+00 2.0E-02 1.0E-06 1	2.6E-01 2.7E-02 17 279	1.1E+00 3.1E-03 103
01:09-----01:39	4.8E-03 1.4E+00 2.1E-02 1013	2.4E+00 2.1E-02 1.0E-06 1	3.9E-01 2.7E-02 17 279	1.1E+00 3.1E-03 104
01:12-----01:42	4.9E-03 1.4E+00 2.0E-02 1013	2.4E+00 2.3E-02 1.0E-06 1	5.1E-01 2.8E-02 17 277	1.1E+00 3.1E-03 105
01:15-----01:45	5.1E-03 1.4E+00 1.8E-02 1013	2.5E+00 2.4E-02 1.0E-06 1	6.0E-01 3.0E-02 17 274	1.1E+00 3.1E-03 105
01:18-----01:48	5.2E-03 1.4E+00 1.6E-02 1013	2.4E+00 2.6E-02 1.5E-06 1	6.6E-01 3.3E-02 17 269	1.1E+00 1.6E-03 105
01:21-----01:51	5.3E-03 1.4E+00 1.5E-02 1013	2.5E+00 3.2E-02 1.8E-06 1	7.3E-01 3.8E-02 17 265	1.1E+00 4.0E-03 104
01:24-----01:54	5.4E-03 1.4E+00 1.3E-02 1013	2.5E+00 4.3E-02 1.9E-06 1	7.9E-01 4.2E-02 17 259	1.2E+00 1.2E-02 104
01:27-----01:57	5.5E-03 1.3E+00 1.1E-02 1013	2.5E+00 4.6E-02 1.9E-06 1	8.6E-01 4.4E-02 17 250	1.2E+00 1.4E-02 103
01:30-----02:00	5.5E-03 1.3E+00 9.0E-03 1013	2.4E+00 4.8E-02 1.9E-06 1	9.2E-01 4.6E-02 17 252	1.2E+00 1.5E-02 102
01:33-----02:03	5.5E-03 1.3E+00 7.7E-03 1013	2.4E+00 5.0E-02 1.9E-06 1	9.4E-01 4.7E-02 17 253	1.2E+00 1.5E-02 102

HAWKESBURY #34, CONT'D

PAGE 5

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
01:36----02:06	5.4E-03 1.3E+00 7.4E-03 1013	2.4E+00 5.0E-02 1.9E-06 2	9.1E-01 4.8E-02 17 253	1.2E+00 1.5E-02 103
01:39----02:09	5.3E-03 1.3E+00 7.7E-03 1013	2.4E+00 4.9E-02 1.9E-06 2	8.1E-01 4.7E-02 17 252	1.1E+00 1.5E-02 103
01:42----02:12	5.2E-03 1.3E+00 9.1E-03 1013	2.3E+00 4.7E-02 1.9E-06 2	7.0E-01 4.6E-02 17 251	1.1E+00 1.5E-02 103
01:45----02:15	5.1E-03 1.3E+00 1.1E-02 1013	2.3E+00 4.5E-02 1.9E-06 3	6.1E-01 4.3E-02 17 252	1.1E+00 1.5E-02 104

STATISTICS

NUMBER OF READINGS 168

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	2.23E-03	7.04E-03	4.50E-03	9.58E-04	4.40E-03	1.25E+00
THC	1.95E+00	1.63E+01	3.38E+00	2.67E+00	2.92E+00	1.57E+00
SO2	4.22E-02	1.47E+00	3.07E-01	3.30E-01	2.02E-01	2.40E+00
THC-CH4	8.19E-01	1.51E+01	1.76E+00	1.99E+00	1.38E+00	1.74E+00
CH4	1.21E+00	2.90E+00	1.47E+00	2.29E-01	1.46E+00	1.15E+00
NOX	3.52E-03	1.22E+00	1.51E-01	2.92E-01	5.43E-02	3.61E+00
NO2	1.00E-06	1.48E+00	7.36E-02	1.56E-01	2.27E-02	1.79E+01
NO	1.00E-06	1.14E+00	1.11E-01	2.71E-01	9.98E-04	1.73E+02
OZONE	1.00E-06	2.80E-02	1.13E-02	9.43E-03	2.77E-03	2.03E+01
SOLAR RAD	1.00E-06	1.66E-05	1.47E-06	1.78E-06	1.17E-06	1.67E+00
TEMP	16	20	18	1		
HUMIDITY	88	110	101	5	101	1
BAROMETER	1012	1013	1013	0	1013	1
WIND SPEED	0	7	1	1	0	5

HAWKESBURY #35

DATE: JUL 19 1979

SCAN TIME: 60 SEC

AVERAGING TIME: 30 MIN

LOCATION:

MUN PKG LOT, MCGILL & MAIN STS.(X3015-X5055); 0.5KM & 100DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
02:40-----03:10	2.3E-03 1.6E+00 1.5E-02 1013	3.1E+00 1.5E-01 1.0E-06 0	2.7E-02 6.3E-02 16 257	1.9E+00 1.3E-01 97
02:45-----03:15	2.2E-03 1.5E+00 1.4E-02 1013	2.8E+00 1.4E-01 1.0E-06 0	2.6E-02 6.2E-02 16 251	1.8E+00 1.1E-01 97
02:50-----03:20	2.1E-03 1.5E+00 1.3E-02 1013	2.6E+00 1.1E-01 1.0E-06 0	2.4E-02 6.3E-02 16 251	1.6E+00 8.9E-02 97
02:55-----03:25	2.0E-03 1.4E+00 1.3E-02 1013	2.7E+00 1.1E-01 1.1E-06 0	2.4E-02 5.7E-02 16 250	1.6E+00 8.8E-02 98
03:00-----03:30	2.0E-03 1.5E+00 1.2E-02 1013	3.7E+00 1.7E-01 1.2E-06 0	2.5E-02 1.2E-01 16 251	1.9E+00 1.2E-01 98
03:05-----03:35	1.8E-03 1.4E+00 1.2E-02 1013	3.6E+00 2.1E-01 1.2E-06 0	2.7E-02 1.6E-01 16 250	1.7E+00 1.0E-01 99
03:10-----03:40	1.8E-03 1.5E+00 1.1E-02 1013	3.7E+00 1.9E-01 1.2E-06 0	2.8E-02 1.5E-01 15 253	1.8E+00 1.1E-01 99
03:15-----03:45	1.7E-03 1.5E+00 1.2E-02 1013	3.8E+00 1.9E-01 1.2E-06 0	2.9E-02 1.5E-01 15 252	1.8E+00 1.2E-01 100
03:20-----03:50	1.6E-03 1.5E+00 1.1E-02 1013	3.8E+00 1.9E-01 1.2E-06 0	3.0E-02 1.5E-01 15 250	1.8E+00 1.3E-01 100
03:25-----03:55	1.6E-03 1.5E+00 1.0E-02 1013	3.7E+00 2.0E-01 1.1E-06 0	3.1E-02 1.6E-01 15 247	2.0E+00 1.3E-01 100

HAWKESBURY #35, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
03:30----04:00	1.5E-03 1.4E+00 1.1E-02 1013	2.8E+00 1.4E-01 1.0E-06 0	3.2E-02 1.0E-01 15 246	1.6E+00 1.1E-01 101
03:35----04:05	1.4E-03 1.4E+00 1.1E-02 1013	2.7E+00 6.0E-02 1.0E-06 0	3.2E-02 4.6E-02 15 245	1.4E+00 7.8E-02 101
03:40----04:10	1.4E-03 1.3E+00 9.9E-03 1013	2.4E+00 5.9E-02 1.0E-06 0	3.4E-02 4.8E-02 15 244	1.2E+00 5.1E-02 101
03:45----04:15	1.3E-03 1.3E+00 9.3E-03 1013	2.4E+00 7.1E-02 1.1E-06 0	3.5E-02 5.9E-02 15 243	1.3E+00 4.2E-02 101
03:50----04:20	1.3E-03 1.3E+00 9.4E-03 1013	2.4E+00 6.9E-02 1.1E-06 0	3.7E-02 5.6E-02 15 241	1.3E+00 5.1E-02 101
03:55----04:25	1.3E-03 1.3E+00 9.1E-03 1013	2.4E+00 6.4E-02 1.1E-06 0	3.9E-02 4.6E-02 15 242	1.1E+00 5.3E-02 101
04:00----04:30	1.2E-03 1.3E+00 9.2E-03 1013	2.3E+00 4.9E-02 1.1E-06 0	4.0E-02 4.1E-02 15 248	1.1E+00 3.6E-02 101
04:05----04:35	1.2E-03 1.3E+00 9.9E-03 1013	2.6E+00 4.8E-02 1.3E-06 0	4.1E-02 4.1E-02 15 252	1.3E+00 6.2E-02 101
04:10----04:40	1.1E-03 1.3E+00 1.1E-02 1013	2.6E+00 4.9E-02 1.3E-06 1	4.2E-02 4.1E-02 15 252	1.2E+00 6.3E-02 100
04:15----04:45	1.1E-03 1.3E+00 1.2E-02 1013	2.7E+00 5.4E-02 1.2E-06 1	4.4E-02 3.8E-02 15 252	1.4E+00 8.9E-02 100
04:20----04:50	1.0E-03 1.4E+00 1.2E-02 1013	2.8E+00 9.8E-02 1.3E-06 1	4.5E-02 4.5E-02 15 255	1.4E+00 1.0E-01 100

HAWKESBURY #35, CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
04:25-----04:55	1.0E-03 1.4E+00 1.2E-02 1013	2.8E+00 1.0E-01 1.3E-06 1	4.6E-02 4.4E-02 15 258	1.4E+00 1.1E-01 100
04:30-----05:00	9.5E-04 1.4E+00 1.3E-02 1013	3.0E+00 1.0E-01 1.3E-06 1	4.6E-02 3.9E-02 15 261	1.4E+00 1.3E-01 101
04:35-----05:05	8.7E-04 1.4E+00 1.2E-02 1013	2.8E+00 1.2E-01 1.2E-06 1	4.7E-02 4.6E-02 14 264	1.3E+00 1.2E-01 101
04:40-----05:10	8.4E-04 1.5E+00 1.2E-02 1013	2.9E+00 1.1E-01 1.6E-06 1	4.7E-02 4.5E-02 14 267	1.3E+00 1.1E-01 102
04:45-----05:15	7.7E-04 1.5E+00 1.2E-02 1013	2.8E+00 9.5E-02 4.9E-06 1	4.7E-02 3.6E-02 14 269	1.2E+00 8.9E-02 103
04:50-----05:20	7.7E-04 1.5E+00 1.1E-02 1014	2.9E+00 5.7E-02 1.6E-05 1	4.7E-02 3.0E-02 14 268	1.4E+00 1.0E-01 103
04:55-----05:25	7.3E-04 1.5E+00 1.1E-02 1014	2.9E+00 5.5E-02 3.8E-05 2	4.7E-02 3.2E-02 14 264	1.6E+00 9.4E-02 104
05:00-----05:30	6.7E-04 1.5E+00 1.1E-02 1014	3.1E+00 8.6E-02 7.7E-05 2	4.7E-02 7.8E-02 14 261	1.6E+00 8.0E-02 104
05:05-----05:35	6.5E-04 1.5E+00 9.9E-03 1014	3.2E+00 1.2E-01 1.4E-04 1	4.7E-02 8.2E-02 14 258	2.1E+00 1.4E-01 104
05:10-----05:40	5.6E-04 1.5E+00 9.6E-03 1014	3.7E+00 1.4E-01 2.4E-04 1	4.9E-02 9.5E-02 14 257	2.2E+00 1.6E-01 104
05:15-----05:45	5.1E-04 1.5E+00 9.4E-03 1014	3.8E+00 1.6E-01 3.9E-04 1	4.9E-02 1.0E-01 14 255	2.2E+00 2.0E-01 104

HAWKESBURY #35, CONT'D

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
05:20----05:50	4.3E-04 1.5E+00 9.6E-03 1014	3.7E+00 1.6E-01 5.7E-04 1	5.0E-02 9.4E-02 14 254	2.0E+00 1.8E-01 104
05:25----05:55	3.8E-04 1.5E+00 9.0E-03 1014	4.3E+00 2.0E-01 7.9E-04 1	5.1E-02 1.3E-01 14 257	2.2E+00 1.9E-01 104
05:30----06:00	3.3E-04 1.5E+00 8.0E-03 1014	4.3E+00 2.2E-01 1.1E-03 0	5.2E-02 1.0E-01 14 256	2.4E+00 2.6E-01 103
05:35----06:05	2.7E-04 1.5E+00 7.7E-03 1014	4.2E+00 2.2E-01 1.3E-03 0	5.3E-02 1.1E-01 14 255	2.0E+00 2.1E-01 102
05:40----06:10	2.3E-04 1.5E+00 7.1E-03 1014	3.7E+00 2.0E-01 1.5E-03 0	5.3E-02 1.0E-01 14 252	1.9E+00 1.9E-01 102
05:45----06:15	1.7E-04 1.5E+00 6.8E-03 1014	3.8E+00 2.2E-01 1.7E-03 0	5.3E-02 1.2E-01 14 252	2.0E+00 1.5E-01 102
05:50----06:20	1.4E-04 1.5E+00 7.1E-03 1014	3.7E+00 2.0E-01 1.9E-03 0	5.3E-02 1.2E-01 14 252	1.9E+00 1.3E-01 101
05:55----06:25	7.3E-05 1.4E+00 7.9E-03 1014	3.1E+00 1.6E-01 2.0E-03 0	5.3E-02 8.8E-02 14 252	1.5E+00 1.2E-01 101
06:00----06:30	4.2E-05 1.4E+00 8.7E-03 1014	3.0E+00 1.1E-01 2.1E-03 0	5.1E-02 6.9E-02 14 254	1.4E+00 7.4E-02 101
06:05----06:35	1.8E-05 1.4E+00 9.2E-03 1014	3.3E+00 6.9E-02 2.3E-03 0	5.0E-02 4.9E-02 14 259	1.4E+00 9.6E-02 102
06:10----06:40	1.4E-05 1.5E+00 1.0E-02 1014	3.5E+00 9.7E-02 2.4E-03 0	5.1E-02 4.2E-02 14 275	1.5E+00 1.3E-01 102

HAWKESBURY #35, CONT'D

PAGE 5

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
06:15----06:45	7.3E-06 1.5E+00 1.0E-02 1014	3.3E+00 8.3E-02 2.6E-03 1	5.0E-02 3.6E-02 14 266	1.4E+00 1.2E-01 102
06:20----06:50	7.3E-06 1.4E+00 1.0E-02 1014	3.4E+00 9.1E-02 2.7E-03 1	5.0E-02 4.2E-02 14 259	1.4E+00 1.2E-01 102
06:25----06:55	7.3E-06 1.4E+00 9.3E-03 1014	3.4E+00 1.0E-01 2.9E-03 1	5.0E-02 5.3E-02 14 256	1.4E+00 1.3E-01 102
06:30----07:00	7.1E-06 1.4E+00 8.9E-03 1014	3.2E+00 1.0E-01 3.0E-03 1	5.0E-02 5.1E-02 14 253	1.4E+00 1.1E-01 102
06:35----07:05	7.1E-06 1.4E+00 8.5E-03 1014	2.8E+00 1.1E-01 3.0E-03 1	5.0E-02 5.8E-02 15 253	1.3E+00 8.8E-02 101
06:40----07:10	1.0E-06 1.4E+00 8.4E-03 1014	2.6E+00 7.7E-02 3.1E-03 1	4.9E-02 6.2E-02 15 249	1.2E+00 4.6E-02 101
06:45----07:15	1.0E-06 1.4E+00 8.4E-03 1014	2.7E+00 8.0E-02 3.2E-03 1	4.9E-02 6.4E-02 15 250	1.3E+00 5.4E-02 101
06:50----07:20	1.0E-06 1.4E+00 8.4E-03 1014	2.7E+00 7.6E-02 3.3E-03 1	5.0E-02 5.7E-02 15 253	1.4E+00 6.9E-02 101
06:55----07:25	1.0E-06 1.4E+00 9.0E-03 1014	2.7E+00 7.6E-02 3.5E-03 1	4.9E-02 5.1E-02 15 250	1.4E+00 6.8E-02 101
07:00----07:30	1.0E-06 1.4E+00 9.5E-03 1014	2.7E+00 7.2E-02 3.6E-03 1	4.9E-02 5.1E-02 15 248	1.4E+00 6.3E-02 101
07:05----07:35	1.0E-06 1.4E+00 1.0E-02 1014	2.9E+00 7.9E-02 3.7E-03 2	4.9E-02 6.5E-02 15 248	1.4E+00 5.0E-02 100

HAWKESBURY #35, CONT'D

PAGE 6

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
07:10----07:40	1.0E-06 1.4E+00 1.1E-02 1014	2.8E+00 1.0E-01 3.8E-03 2	4.8E-02 9.5E-02 15 248	1.4E+00 5.1E-02 100
07:15----07:45	1.0E-06 1.4E+00 1.1E-02 1014	2.9E+00 1.1E-01 3.9E-03 2	4.8E-02 8.5E-02 16 247	1.4E+00 6.1E-02 100
07:20----07:50	1.0E-06 1.3E+00 1.1E-02 1014	3.3E+00 1.3E-01 4.0E-03 1	4.8E-02 8.8E-02 16 245	1.3E+00 1.0E-01 99
07:25----07:55	1.0E-06 1.3E+00 1.1E-02 1014	3.3E+00 1.2E-01 4.1E-03 1	4.8E-02 8.8E-02 16 243	1.3E+00 9.8E-02 99
07:30----08:00	1.0E-06 1.3E+00 1.2E-02 1014	3.3E+00 1.2E-01 4.2E-03 1	4.8E-02 8.5E-02 16 247	1.3E+00 9.7E-02 98
07:35----08:05	1.0E-06 1.3E+00 1.2E-02 1014	3.1E+00 1.2E-01 4.4E-03 0	4.8E-02 7.8E-02 16 243	1.3E+00 1.1E-01 98
07:40----08:10	1.0E-06 1.3E+00 1.2E-02 1014	3.1E+00 9.5E-02 4.6E-03 0	4.8E-02 4.7E-02 16 236	1.3E+00 1.0E-01 97
07:45----08:15	1.0E-06 1.3E+00 1.3E-02 1014	2.9E+00 7.3E-02 4.7E-03 0	5.0E-02 4.2E-02 17 229	1.2E+00 7.9E-02 96
07:50----08:20	1.0E-06 1.3E+00 1.3E-02 1014	2.5E+00 7.0E-02 5.0E-03 0	5.3E-02 4.2E-02 17 198	1.4E+00 5.6E-02 96
07:55----08:25	1.0E-06 1.3E+00 1.4E-02 1014	2.5E+00 7.0E-02 8.4E-03 0	5.4E-02 4.3E-02 17 201	1.8E+00 5.6E-02 95
08:00----08:30	1.0E-06 1.3E+00 1.4E-02 1014	2.5E+00 6.5E-02 1.4E-02 1	5.5E-02 4.5E-02 17 192	1.8E+00 5.3E-02 93

HAWKESBURY #35, CONT'D

PAGE 7

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
08:05-----08:35	1.0E-06 1.3E+00 1.5E-02 1014	2.6E+00 6.4E-02 1.9E-02 1	5.6E-02 4.3E-02 18 190	2.0E+00 5.2E-02 91
08:10-----08:40	1.0E-06 1.3E+00 1.5E-02 1014	2.7E+00 7.7E-02 2.5E-02 1	5.6E-02 4.8E-02 18 193	2.1E+00 9.4E-02 87
08:15-----08:45	1.0E-06 1.3E+00 1.5E-02 1014	3.1E+00 1.3E-01 3.1E-02 2	5.6E-02 6.9E-02 19 190	2.5E+00 1.5E-01 82
08:20-----08:50	1.0E-06 1.3E+00 1.5E-02 1014	3.0E+00 1.2E-01 3.7E-02 2	5.4E-02 7.3E-02 20 195	2.3E+00 1.2E-01 77
08:25-----08:55	1.0E-06 1.3E+00 1.4E-02 1014	3.1E+00 1.5E-01 4.0E-02 1	5.3E-02 9.0E-02 21 196	2.0E+00 1.4E-01 72
08:30-----09:00	1.0E-06 1.3E+00 1.4E-02 1014	3.5E+00 1.7E-01 4.1E-02 1	5.4E-02 9.5E-02 21 212	2.1E+00 1.5E-01 67
08:35-----09:05	1.0E-06 1.3E+00 1.6E-02 1014	3.3E+00 1.7E-01 4.2E-02 1	5.4E-02 1.0E-01 22 236	1.8E+00 1.4E-01 63

STATISTICS

NUMBER OF READINGS 385

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	3.08E-03	6.46E-04	7.90E-04	3.80E-05	3.26E+01
THC	1.98E+00	1.81E+01	3.08E+00	1.95E+00	2.78E+00	1.48E+00
SO2	2.16E-02	6.94E-02	4.50E-02	9.80E-03	4.37E-02	1.29E+00
THC-CH4	8.09E-01	1.49E+01	1.61E+00	1.52E+00	1.33E+00	1.68E+00
CH4	1.16E+00	2.24E+00	1.40E+00	1.76E-01	1.39E+00	1.12E+00
NOX	3.84E-03	1.22E+00	1.17E-01	1.79E-01	5.45E-02	3.38E+00
NO2	1.00E-06	1.12E+00	7.26E-02	1.40E-01	3.15E-03	1.19E+02
NO	1.00E-06	1.14E+00	1.04E-01	1.91E-01	2.71E-03	1.36E+02
OZONE	6.03E-04	2.61E-02	1.13E-02	4.05E-03	1.05E-02	1.52E+00
SOLAR RAD	1.00E-06	4.58E-02	5.93E-03	1.24E-02	1.45E-04	6.20E+01
TEMP	14	24	16	2		
HUMIDITY	55	105	97	11	96	1
BAROMETER	1013	1014	1014	1	1014	1.
WIND SPEED	0	4	1	1	0	4

HAWKESBURY #36

DATE: JUL 19 1979
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: CONFEDERATION PARK (X3100-X5115); 1.45KM & 075DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
09:23-----09:53	3.6E-03 1.1E+00 3.2E-02 1014	1.9E+00 3.0E-03 5.7E-02 3	5.4E-02 1.8E-02 26 270	8.4E-01 4.9E-04 55
09:26-----09:56	3.5E-03 1.1E+00 3.2E-02 1014	1.9E+00 2.4E-03 5.7E-02 3	5.5E-02 1.7E-02 26 277	8.4E-01 5.1E-04 55
09:29-----09:59	3.4E-03 1.1E+00 3.2E-02 1014	1.9E+00 2.4E-03 5.8E-02 3	5.5E-02 1.6E-02 26 288	8.4E-01 7.2E-04 56
09:32-----10:02	3.3E-03 1.2E+00 3.2E-02 1014	1.9E+00 2.0E-03 5.9E-02 3	5.5E-02 1.6E-02 27 300	8.4E-01 7.1E-04 57
09:35-----10:05	3.2E-03 1.2E+00 3.2E-02 1014	2.0E+00 2.0E-03 5.9E-02 3	5.5E-02 1.6E-02 27 305	8.5E-01 7.8E-04 58
09:38-----10:08	3.1E-03 1.2E+00 3.1E-02 1014	2.0E+00 1.8E-03 6.0E-02 3	5.6E-02 1.5E-02 27 311	8.5E-01 7.5E-04 59
09:41-----10:11	3.1E-03 1.2E+00 3.1E-02 1014	2.0E+00 1.7E-03 6.0E-02 3	5.7E-02 1.5E-02 27 315	8.5E-01 6.8E-04 59
09:44-----10:14	3.1E-03 1.2E+00 3.1E-02 1014	2.0E+00 1.2E-03 6.1E-02 3	5.7E-02 1.5E-02 27 321	8.4E-01 5.8E-04 60
09:47-----10:17	3.0E-03 1.2E+00 3.1E-02 1014	2.0E+00 1.3E-03 6.2E-02 3	5.6E-02 1.4E-02 27 323	8.4E-01 1.0E-03 61
09:50-----10:20	2.9E-03 1.2E+00 3.1E-02 1014	2.0E+00 1.7E-03 6.2E-02 3	5.5E-02 1.4E-02 27 328	8.4E-01 1.5E-03 62

HAWKESBURY #36, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
09:53----10:23	2.8E-03 1.2E+00 3.2E-02 1014	2.0E+00 2.5E-03 6.3E-02 4	5.4E-02 1.4E-02 27 332	8.4E-01 1.9E-03 63
09:56----10:26	2.9E-03 1.2E+00 3.2E-02 1014	2.0E+00 3.2E-03 6.4E-02 4	5.3E-02 1.4E-02 27 334	8.3E-01 2.8E-03 63
09:59----10:29	2.8E-03 1.2E+00 3.2E-02 1014	2.0E+00 4.4E-03 6.4E-02 4	5.3E-02 1.4E-02 27 335	8.2E-01 3.2E-03 63
10:02----10:32	2.7E-03 1.2E+00 3.3E-02 1014	1.9E+00 5.3E-03 6.5E-02 4	5.2E-02 1.4E-02 27 332	8.1E-01 5.2E-03 63
10:05----10:35	2.9E-03 1.2E+00 3.3E-02 1014	1.9E+00 5.5E-03 6.5E-02 3	5.2E-02 1.4E-02 27 331	8.0E-01 5.3E-03 61
10:08----10:38	2.7E-03 1.2E+00 3.4E-02 1014	1.9E+00 9.2E-03 6.6E-02 4	5.1E-02 1.7E-02 27 334	8.0E-01 6.6E-03 61
10:11----10:41	2.7E-03 1.2E+00 3.5E-02 1014	1.9E+00 1.0E-02 6.6E-02 4	5.0E-02 1.8E-02 27 336	7.9E-01 7.0E-03 61
10:14----10:44	2.7E-03 1.2E+00 3.5E-02 1014	1.9E+00 1.1E-02 6.7E-02 4	4.9E-02 1.8E-02 27 338	7.8E-01 7.4E-03 61
10:17----10:47	2.7E-03 1.2E+00 3.6E-02 1014	1.9E+00 1.1E-02 6.7E-02 5	4.8E-02 1.8E-02 27 339	7.7E-01 7.3E-03 62
10:20----10:50	2.7E-03 1.2E+00 3.7E-02 1014	1.9E+00 1.1E-02 6.8E-02 5	4.8E-02 1.8E-02 27 338	7.6E-01 7.2E-03 61
10:23----10:53	2.7E-03 1.2E+00 3.7E-02 1014	1.9E+00 1.0E-02 6.8E-02 5	4.8E-02 1.8E-02 27 339	7.5E-01 7.3E-03 60

HAWKESBURY #36, CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
10:26----10:56	2.7E-03 1.2E+00 3.8E-02 1014	1.9E+00 1.0E-02 6.9E-02 5	4.8E-02 1.8E-02 27 339	7.4E-01 7.3E-03 60
10:29----10:59	2.7E-03 1.2E+00 3.8E-02 1014	1.9E+00 9.8E-03 6.9E-02 5	4.8E-02 1.7E-02 27 339	7.4E-01 7.2E-03 60
10:32----11:02	2.8E-03 1.2E+00 3.9E-02 1014	1.9E+00 9.6E-03 7.0E-02 5	4.8E-02 1.8E-02 27 341	7.3E-01 5.8E-03 60
10:35----11:05	2.7E-03 1.2E+00 3.9E-02 1014	2.0E+00 1.1E-02 7.0E-02 5	4.8E-02 1.8E-02 27 342	7.3E-01 1.3E-02 60
10:38----11:08	2.9E-03 1.2E+00 3.9E-02 1014	2.1E+00 1.2E-02 7.1E-02 4	4.8E-02 1.4E-02 27 338	7.2E-01 2.6E-02 58
10:41----11:11	3.0E-03 1.2E+00 3.9E-02 1014	2.0E+00 1.3E-02 7.1E-02 3	4.9E-02 1.5E-02 28 332	7.2E-01 2.6E-02 .56
10:44----11:14	3.0E-03 1.2E+00 4.0E-02 1014	2.0E+00 1.3E-02 7.2E-02 3	4.9E-02 1.5E-02 28 315	7.2E-01 2.6E-02 53
10:47----11:17	3.0E-03 1.2E+00 4.0E-02 1014	2.0E+00 1.3E-02 7.2E-02 4	5.0E-02 1.4E-02 29 298	7.1E-01 2.6E-02 51
10:50----11:20	3.1E-03 1.2E+00 4.1E-02 1014	2.0E+00 1.2E-02 7.2E-02 4	5.1E-02 1.4E-02 29 291	7.0E-01 2.6E-02 48
10:53----11:23	3.2E-03 1.2E+00 4.1E-02 1014	2.0E+00 1.2E-02 7.3E-02 4	5.1E-02 1.3E-02 30 284	7.0E-01 2.6E-02 46

STATISTICS

NUMBER OF READINGS 122

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.39E-03	5.16E-03	3.08E-03	6.59E-04	3.01E-03	1.25E+00
THC	1.70E+00	6.38E+00	1.94E+00	4.33E-01	1.91E+00	1.14E+00
SO2	4.63E-02	6.37E-02	5.19E-02	4.33E-03	5.17E-02	1.08E+00
THC-CH4	6.23E-01	1.03E+00	7.79E-01	8.01E-02	7.75E-01	1.11E+00
CH4	1.08E+00	1.30E+00	1.20E+00	5.34E-02	1.20E+00	1.05E+00
NOX	1.00E-06	9.03E-02	6.83E-03	1.26E-02	9.83E-04	3.18E+01
NO2	1.00E-06	9.11E-02	1.57E-02	9.28E-03	1.15E-02	4.80E+00
NO	1.00E-06	2.07E-01	8.72E-03	3.11E-02	4.54E-04	4.54E+01
OZONE	2.90E-02	4.64E-02	3.58E-02	4.76E-03	3.55E-02	1.14E+00
SOLAR RAD	5.37E-02	7.58E-02	6.54E-02	6.38E-03	6.51E-02	1.10E+00
TEMP	24	31	27	2		
HUMIDITY	37	75	56	9	55	1
BAROMETER	1014	1015	1014	0	1014	1
WIND SPEED	0	11	4	2	4	2

HAWKESBURY #37

DATE: JUL 19 1979
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: GRENVILLE, P.O., CANAL RD. (X3090-X5205); 1.9KM & 025DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
11:38----12:08	2.4E-03 1.3E+00 4.8E-02 1014	2.0E+00 4.9E-02 8.0E-02 5	5.2E-02 4.5E-02 30 293	8.5E-01 3.0E-02 42
11:41----12:11	2.5E-03 1.3E+00 4.8E-02 1014	2.0E+00 4.1E-02 8.0E-02 5	5.1E-02 3.9E-02 30 279	7.6E-01 2.3E-02 40
11:44----12:14	2.6E-03 1.3E+00 4.9E-02 1014	1.9E+00 2.5E-02 8.0E-02 6	5.1E-02 2.6E-02 31 267	6.3E-01 1.7E-02 38
11:47----12:17	2.5E-03 1.3E+00 5.0E-02 1014	1.8E+00 1.5E-02 8.1E-02 6	5.0E-02 1.8E-02 31 266	5.9E-01 1.1E-02 37
11:50----12:20	2.5E-03 1.3E+00 5.0E-02 1014	1.7E+00 4.2E-03 8.1E-02 7	4.9E-02 1.0E-02 31 262	5.7E-01 6.7E-03 36
11:53----12:23	2.5E-03 1.3E+00 5.0E-02 1014	1.7E+00 2.6E-03 8.1E-02 7	4.8E-02 9.7E-03 31 261	5.5E-01 4.5E-03 35
11:56----12:26	2.4E-03 1.3E+00 5.0E-02 1014	1.7E+00 2.1E-03 8.2E-02 8	4.8E-02 9.4E-03 32 258	5.4E-01 3.8E-03 34
11:59----12:29	2.4E-03 1.3E+00 5.0E-02 1014	1.7E+00 1.8E-03 8.2E-02 8	4.7E-02 9.6E-03 32 256	5.3E-01 3.3E-03 33
12:02----12:32	2.4E-03 1.3E+00 5.0E-02 1014	1.7E+00 1.7E-04 8.2E-02 9	4.7E-02 7.5E-03 32 256	5.3E-01 3.3E-03 32
12:05----12:35	2.2E-03 1.3E+00 5.0E-02 1013	1.7E+00 1.7E-04 8.2E-02 9	4.7E-02 7.5E-03 32 256	5.2E-01 3.5E-03 32

HAWKESBURY #37, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
12:08----12:38	2.2E-03 1.3E+00 5.1E-02 1013	1.7E+00 2.0E-04 8.3E-02 9	4.7E-02 7.3E-03 31 255	5.2E-01 3.7E-03 32
12:11----12:41	2.0E-03 1.3E+00 5.1E-02 1013	1.7E+00 2.8E-04 8.3E-02 9	4.7E-02 7.3E-03 31 257	5.1E-01 3.8E-03 32
12:14----12:44	2.0E-03 1.3E+00 5.1E-02 1013	1.7E+00 3.1E-04 8.3E-02 9	4.7E-02 7.2E-03 31 261	5.1E-01 4.1E-03 31
12:17----12:47	2.0E-03 1.3E+00 5.2E-02 1013	1.7E+00 3.1E-04 8.3E-02 10	4.7E-02 7.2E-03 31 260	5.1E-01 4.3E-03 31
12:20----12:50	2.0E-03 1.4E+00 5.2E-02 1013	1.7E+00 3.3E-04 8.3E-02 10	4.7E-02 7.1E-03 31 260	5.0E-01 4.4E-03 31
12:23----12:53	2.0E-03 1.4E+00 5.2E-02 1013	1.7E+00 4.2E-04 8.3E-02 10	4.7E-02 7.1E-03 31 260	5.0E-01 4.6E-03 31
12:26----12:56	1.9E-03 1.4E+00 5.3E-02 1013	1.7E+00 1.7E-03 8.3E-02 9	4.7E-02 8.3E-03 31 263	5.0E-01 5.1E-03 31
12:29----12:59	1.9E-03 1.4E+00 5.3E-02 1013	1.7E+00 3.3E-03 8.3E-02 9	4.7E-02 9.9E-03 31 266	5.0E-01 5.3E-03 31

HAWKESBURY #37 CONT'D

STATISTICS

NUMBER OF READINGS 82

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	4.81E-04	4.22E-03	2.15E-03	6.46E-04	2.05E-03	1.40E+00
THC	1.64E+00	3.57E+00	1.79E+00	3.35E-01	1.77E+00	1.16E+00
SO2	4.60E-02	5.52E-02	4.87E-02	2.79E-03	4.86E-02	1.06E+00
THC-CH4	4.75E-01	3.54E+00	6.32E-01	4.27E-01	5.81E-01	1.39E+00
CH4	1.27E+00	1.60E+00	1.34E+00	4.84E-02	1.34E+00	1.04E+00
NOX	1.00E-06	2.18E-01	1.93E-02	4.49E-02	1.40E-04	1.08E+02
NO2	1.00E-06	2.02E-01	2.22E-02	3.85E-02	7.63E-03	9.38E+00
NO	1.67E-03	1.51E-01	1.39E-02	2.51E-02	6.47E-03	2.82E+00
OZONE	3.74E-02	5.77E-02	5.05E-02	3.92E-03	5.03E-02	1.09E+00
SOLAR RAD	7.75E-02	8.40E-02	8.18E-02	1.75E-03	8.18E-02	1.02E+00
TEMP	26	32	31	1		1
HUMIDITY	29	50	35	6	35	1
BAROMETER	1013	1014	1013	0	1013	1
WIND SPEED	1	18	8	4	7	2

HAWKESBURY #38

DATE: JUL 19 1979
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION:
 GRENVILLE, P.Q., S ON CANAL RD. (X3095-X5200); 1.85KM & 030DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
16:50----17:20	1.6E-03 1.3E+00 6.1E-02 1012	1.7E+00 1.2E-02 4.6E-02 22	1.6E-02 3.5E-03 30 266	5.9E-01 8.7E-03 32
16:55----17:25	1.3E-03 1.3E+00 6.1E-02 1012	1.7E+00 1.2E-02 4.4E-02 21	1.6E-02 3.4E-03 29 266	5.9E-01 9.0E-03 32
17:00----17:30	1.0E-03 1.3E+00 6.1E-02 1012	1.7E+00 1.2E-02 4.0E-02 21	1.8E-02 3.6E-03 29 264	5.8E-01 9.3E-03 32
17:05----17:35	9.1E-04 1.3E+00 6.2E-02 1012	1.7E+00 1.3E-02 3.5E-02 20	1.9E-02 3.5E-03 29 261	5.8E-01 9.5E-03 32
17:10----17:40	7.3E-04 1.3E+00 6.2E-02 1012	1.7E+00 1.3E-02 2.9E-02 21	2.0E-02 3.4E-03 29 261	5.7E-01 9.8E-03 32
17:15----17:45	6.1E-04 1.3E+00 6.3E-02 1012	1.7E+00 1.3E-02 2.3E-02 22	2.0E-02 3.4E-03 29 257	5.7E-01 9.9E-03 32
17:20----17:50	5.2E-04 1.3E+00 6.4E-02 1012	1.7E+00 1.3E-02 1.6E-02 22	2.1E-02 3.3E-03 29 255	5.6E-01 1.0E-02 32
17:25----17:55	3.2E-04 1.3E+00 6.4E-02 1012	1.7E+00 1.3E-02 1.1E-02 22	2.2E-02 3.3E-03 29 256	5.5E-01 1.1E-02 32
17:30----18:00	2.8E-04 1.4E+00 6.4E-02 1012	1.7E+00 1.4E-02 8.7E-03 21	2.3E-02 3.2E-03 29 259	5.5E-01 1.1E-02 32
17:35----18:05	1.5E-04 1.4E+00 6.4E-02 1012	1.7E+00 1.5E-02 8.9E-03 21	2.4E-02 3.4E-03 29 260	5.4E-01 1.2E-02 33

HAWKESBURY #38, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
17:40----18:10	1.6E-04 1.4E+00 6.4E-02 1012	1.7E+00 1.5E-02 1.2E-02 19	2.5E-02 3.7E-03 29 257	5.3E-01 1.2E-02 33
17:45----18:15	9.6E-05 1.4E+00 6.4E-02 1012	1.7E+00 1.6E-02 1.5E-02 18	2.5E-02 3.7E-03 29 255	5.3E-01 1.2E-02 33
17:50----18:20	7.8E-05 1.4E+00 6.5E-02 1012	1.7E+00 1.6E-02 1.9E-02 17	2.5E-02 3.7E-03 29 256	5.3E-01 1.2E-02 33
17:55----18:25	7.8E-05 1.4E+00 6.5E-02 1012	1.7E+00 1.6E-02 2.3E-02 17	2.5E-02 3.8E-03 29 255	5.3E-01 1.2E-02 33
18:00----18:30	5.3E-05 1.4E+00 6.5E-02 1012	1.7E+00 1.6E-02 2.6E-02 16	2.5E-02 4.0E-03 29 254	5.2E-01 1.2E-02 34
18:05----18:35	3.6E-05 1.4E+00 6.5E-02 1012	1.7E+00 1.6E-02 2.7E-02 16	2.5E-02 4.1E-03 29 255	5.2E-01 1.2E-02 34
18:10----18:40	1.8E-06 1.4E+00 6.5E-02 1012	1.7E+00 1.6E-02 2.7E-02 15	2.4E-02 4.0E-03 29 257	5.2E-01 1.3E-02 35
18:15----18:45	7.5E-06 1.4E+00 6.5E-02 1012	1.7E+00 1.7E-02 2.6E-02 15	2.4E-02 4.3E-03 29 259	5.2E-01 1.3E-02 35
18:20----18:50	8.2E-06 1.4E+00 6.4E-02 1012	1.7E+00 1.7E-02 2.5E-02 14	2.4E-02 4.7E-03 29 258	5.2E-01 1.3E-02 36
18:25----18:55	8.2E-06 1.5E+00 6.3E-02 1012	1.8E+00 1.8E-02 2.3E-02 13	2.3E-02 5.5E-03 29 257	5.2E-01 1.4E-02 37
18:30----19:00	9.6E-06 1.5E+00 6.3E-02 1012	1.8E+00 1.9E-02 2.2E-02 12	2.3E-02 5.7E-03 29 254	5.1E-01 1.4E-02 38

HAWKESBURY #38, CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
18:35----19:05	9.6E-06 1.5E+00 6.2E-02 1012	1.8E+00 1.8E-02 2.1E-02 11	2.3E-02 5.6E-03 29 253	5.3E-01 1.3E-02 39
18:40----19:10	2.6E-05 1.5E+00 6.1E-02 1012	1.8E+00 1.9E-02 1.9E-02 10	2.2E-02 5.8E-03 29 252	5.3E-01 1.4E-02 40
18:45----19:15	4.6E-05 1.5E+00 6.1E-02 1012	1.8E+00 1.9E-02 1.8E-02 9	2.2E-02 5.8E-03 29 250	5.3E-01 1.4E-02 41
18:50----19:20	9.0E-05 1.5E+00 6.1E-02 1012	1.8E+00 1.9E-02 1.7E-02 8	2.2E-02 5.8E-03 29 248	5.2E-01 1.4E-02 41
18:55----19:25	1.0E-04 1.5E+00 6.0E-02 1012	1.8E+00 1.8E-02 1.5E-02 7	2.1E-02 5.4E-03 29 244	5.2E-01 1.4E-02 40
19:00----19:30	3.4E-04 1.5E+00 6.0E-02 1012	1.8E+00 1.9E-02 1.4E-02 7	2.6E-02 5.8E-03 29 235	5.1E-01 1.4E-02 40
19:05----19:35	5.7E-04 1.5E+00 6.2E-02 1012	1.7E+00 1.9E-02 1.3E-02 8	2.8E-02 6.7E-03 28 224	4.8E-01 1.4E-02 40
19:10----19:40	7.4E-04 1.5E+00 6.5E-02 1012	1.7E+00 1.9E-02 1.2E-02 9	3.0E-02 6.9E-03 28 220	4.8E-01 1.3E-02 40
19:15----19:45	9.3E-04 1.5E+00 6.7E-02 1012	1.7E+00 1.9E-02 1.1E-02 11	3.1E-02 6.9E-03 28 217	4.7E-01 1.3E-02 41
19:20----19:50	1.1E-03 1.5E+00 7.0E-02 1012	1.7E+00 1.9E-02 9.4E-03 12	3.3E-02 7.2E-03 28 216	4.7E-01 1.3E-02 42
19:25----19:55	1.3E-03 1.5E+00 7.3E-02 1012	1.7E+00 2.0E-02 8.3E-03 13	3.4E-02 7.4E-03 27 215	4.6E-01 1.3E-02 44

HAWKESBURY #38, CONT'D

PAGE 4

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
19:30-----20:00	1.2E-03 1.5E+00 7.5E-02 1012	1.7E+00 2.0E-02 7.3E-03 13	3.1E-02 7.2E-03 27 214	4.6E-01 1.3E-02 45
19:35-----20:05	1.2E-03 1.5E+00 7.5E-02 1012	1.7E+00 2.0E-02 6.3E-03 13	3.0E-02 7.1E-03 27 214	4.7E-01 1.3E-02 47
19:40-----20:10	1.3E-03 1.5E+00 7.4E-02 1012	1.7E+00 2.1E-02 5.3E-03 12	3.0E-02 8.5E-03 26 213	4.7E-01 1.4E-02 48
19:45-----20:15	1.3E-03 1.5E+00 7.2E-02 1012	1.7E+00 2.3E-02 4.5E-03 11	3.1E-02 1.0E-02 26 212	4.8E-01 1.3E-02 49
19:50-----20:20	1.4E-03 1.5E+00 7.1E-02 1012	1.7E+00 2.3E-02 3.7E-03 11	3.1E-02 1.1E-02 26 211	4.9E-01 1.3E-02 49
19:55-----20:25	1.4E-03 1.5E+00 7.0E-02 1012	1.7E+00 2.4E-02 2.9E-03 11	3.1E-02 1.2E-02 26 210	5.0E-01 1.3E-02 50
20:00-----20:30	1.4E-03 1.4E+00 6.9E-02 1012	1.7E+00 2.5E-02 2.2E-03 11	3.1E-02 1.3E-02 25 209	5.1E-01 1.3E-02 51
20:05-----20:35	1.4E-03 1.4E+00 6.8E-02 1012	1.7E+00 2.6E-02 1.6E-03 11	3.1E-02 1.4E-02 25 209	5.1E-01 1.3E-02 52
20:10-----20:40	1.4E-03 1.4E+00 6.8E-02 1012	1.7E+00 2.6E-02 1.2E-03 12	3.1E-02 1.4E-02 25 211	5.2E-01 1.3E-02 52
20:15-----20:45	1.5E-03 1.4E+00 6.9E-02 1012	1.7E+00 2.5E-02 8.1E-04 12	3.2E-02 1.4E-02 25 212	5.2E-01 1.3E-02 53
20:20-----20:50	1.5E-03 1.4E+00 6.9E-02 1012	1.7E+00 2.5E-02 5.3E-04 12	3.3E-02 1.3E-02 25 212	5.3E-01 1.3E-02 53

HAWKESBURY #38, CONT'D

PAGE 5

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
20:25----20:55	1.5E-03 1.4E+00 6.9E-02 1012	1.7E+00 2.5E-02 3.6E-04 12	3.4E-02 1.4E-02 24 211	5.3E-01 1.2E-02 54
20:30----21:00	1.6E-03 1.4E+00 6.9E-02 1012	1.7E+00 2.5E-02 2.4E-04 12	3.5E-02 1.4E-02 24 210	5.4E-01 1.2E-02 54
20:35----21:05	1.7E-03 1.3E+00 6.9E-02 1012	1.7E+00 2.5E-02 1.4E-04 12	3.6E-02 1.4E-02 24 209	5.5E-01 1.2E-02 54
20:40----21:10	1.8E-03 1.3E+00 6.9E-02 1012	1.7E+00 2.4E-02 7.4E-05 12	3.6E-02 1.3E-02 24 208	5.6E-01 1.2E-02 54
20:45----21:15	1.8E-03 1.3E+00 6.9E-02 1012	1.7E+00 2.3E-02 3.4E-05 12	3.6E-02 1.3E-02 24 205	5.6E-01 1.1E-02 55
20:50----21:20	1.9E-03 1.3E+00 6.9E-02 1012	1.7E+00 2.3E-02 1.3E-05 12	3.5E-02 1.3E-02 24 203	5.7E-01 1.1E-02 55
20:55----21:25	2.0E-03 1.3E+00 7.0E-02 1012	1.7E+00 2.2E-02 3.8E-06 12	3.4E-02 1.3E-02 24 204	5.8E-01 1.0E-02 55
21:00----21:30	2.0E-03 1.3E+00 7.1E-02 1012	1.7E+00 2.1E-02 1.3E-06 11	3.4E-02 1.2E-02 24 206	5.9E-01 9.7E-03 55
21:05----21:35	1.9E-03 1.2E+00 7.1E-02 1012	1.7E+00 2.0E-02 1.3E-06 10	3.4E-02 1.2E-02 23 208	6.0E-01 9.4E-03 56
21:10----21:40	2.0E-03 1.2E+00 6.9E-02 1012	1.7E+00 2.1E-02 1.2E-06 7	3.6E-02 1.2E-02 23 209	6.2E-01 1.8E-02 56

STATISTICS

NUMBER OF READINGS 292

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	3.47E-03	9.86E-04	8.55E-04	1.46E-04	2.59E+01
THC	1.65E+00	2.01E+00	1.72E+00	4.71E-02	1.72E+00	1.03E+00
SO2	1.26E-02	6.61E-02	2.73E-02	7.69E-03	2.63E-02	1.33E+00
THC-CH4	4.47E-01	9.96E-01	5.39E-01	5.91E-02	5.36E-01	1.11E+00
CH4	1.20E+00	1.56E+00	1.38E+00	9.07E-02	1.38E+00	1.07E+00
NOX	9.20E-03	5.36E-02	1.89E-02	5.55E-03	1.82E-02	1.32E+00
NO2	1.00E-06	4.38E-02	7.84E-03	5.53E-03	5.65E-03	3.40E+00
NO	6.39E-03	1.19E-01	1.28E-02	9.56E-03	1.19E-02	1.35E+00
OZONE	5.23E-02	7.77E-02	6.60E-02	5.03E-03	6.58E-02	1.08E+00
SOLAR RAD	1.00E-06	5.27E-02	1.40E-02	1.47E-02	2.03E-03	3.49E+01
TEMP	23	30	27	2		
HUMIDITY	27	61	43	9	42	1
BAROMETER	1012	1013	1012	0	1012	1
WIND SPEED	0	32	14	6	12	2

HAWKESBURY #39

DATE: JUL 19 1979

SCAN TIME: 60 SEC

AVERAGING TIME: 30 MIN

LOCATION:

N END JAMES ST.- BEHIND ASSALEY(X3030-X5060); 0.6KM & 090DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
22:06----22:36	5.7E-03 1.4E+00 5.6E-02 1013	2.9E+00 8.2E-02 1.0E-06 0	1.0E-01 3.6E-02 21 313	1.6E+00 5.4E-02 66
22:09----22:39	5.9E-03 1.4E+00 5.7E-02 1013	2.8E+00 8.3E-02 1.0E-06 0	1.1E-01 3.6E-02 21 313	1.5E+00 6.0E-02 66
22:12----22:42	6.0E-03 1.4E+00 5.7E-02 1013	2.8E+00 8.3E-02 1.0E-06 0	1.2E-01 3.6E-02 21 307	1.5E+00 6.0E-02 67
22:15----22:45	6.2E-03 1.4E+00 5.7E-02 1013	2.8E+00 7.6E-02 1.0E-06 0	1.3E-01 2.9E-02 21 305	1.5E+00 5.7E-02 67
22:18----22:48	6.3E-03 1.4E+00 5.8E-02 1013	2.7E+00 7.6E-02 1.0E-06 1	1.3E-01 2.8E-02 21 311	1.4E+00 5.8E-02 67
22:21----22:51	6.3E-03 1.4E+00 6.0E-02 1013	2.4E+00 7.5E-02 1.0E-06 1	1.3E-01 2.8E-02 21 310	1.2E+00 4.3E-02 67
22:24----22:54	6.6E-03 1.4E+00 6.0E-02 1013	2.5E+00 4.2E-02 1.0E-06 1	1.4E-01 2.2E-02 21 316	1.2E+00 2.8E-02 67
22:27----22:57	6.9E-03 1.4E+00 5.9E-02 1013	2.5E+00 4.0E-02 1.0E-06 1	1.5E-01 1.8E-02 21 316	1.2E+00 4.3E-02 67
22:30----23:00	7.0E-03 1.4E+00 6.1E-02 1013	2.4E+00 2.6E-02 1.0E-06 1	1.5E-01 1.3E-02 21 311	1.1E+00 3.3E-02 67
22:33----23:03	7.0E-03 1.4E+00 6.1E-02 1013	2.4E+00 2.3E-02 1.0E-06 1	1.6E-01 1.3E-02 21 307	1.1E+00 2.9E-02 67

HAWKESBURY #39, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
22:36-----23:06	7.0E-03 1.4E+00 6.1E-02 1013	2.3E+00 2.3E-02 1.0E-06 1	1.5E-01 1.2E-02 21 303	1.0E+00 3.0E-02 67
22:39-----23:09	7.0E-03 1.4E+00 6.1E-02 1013	2.4E+00 2.3E-02 1.0E-06 1	1.5E-01 1.3E-02 21 302	1.1E+00 2.5E-02 67
22:42-----23:12	7.2E-03 1.5E+00 6.1E-02 1013	2.5E+00 2.3E-02 1.0E-06 1	1.5E-01 1.3E-02 21 304	1.1E+00 2.5E-02 68
22:45-----23:15	7.4E-03 1.6E+00 6.1E-02 1013	2.6E+00 2.2E-02 1.0E-06 2	1.6E-01 1.2E-02 21 303	1.2E+00 2.5E-02 68
22:48-----23:18	7.8E-03 1.7E+00 6.1E-02 1013	2.8E+00 2.3E-02 1.0E-06 1	1.7E-01 1.2E-02 21 301	1.2E+00 2.5E-02 69
22:51-----23:21	8.1E-03 1.7E+00 6.0E-02 1013	2.9E+00 3.1E-02 1.0E-06 1	1.8E-01 2.1E-02 21 298	1.3E+00 2.5E-02 70
22:54-----23:24	8.1E-03 1.7E+00 5.9E-02 1013	2.9E+00 4.0E-02 1.0E-06 2	1.9E-01 3.1E-02 21 293	1.3E+00 2.5E-02 70
22:57-----23:27	8.0E-03 1.6E+00 5.9E-02 1013	2.8E+00 3.8E-02 1.0E-06 2	1.8E-01 3.1E-02 20 291	1.2E+00 1.0E-02 70
23:00-----23:30	7.8E-03 1.6E+00 5.8E-02 1013	2.7E+00 4.0E-02 1.0E-06 2	1.7E-01 3.3E-02 20 292	1.2E+00 1.0E-02 70
23:03-----23:33	7.6E-03 1.5E+00 5.7E-02 1013	2.6E+00 4.1E-02 1.0E-06 3	1.5E-01 3.4E-02 20 291	1.2E+00 1.0E-02 70
23:06-----23:36	7.3E-03 1.5E+00 5.6E-02 1013	2.6E+00 4.1E-02 1.0E-06 3	1.5E-01 3.5E-02 20 290	1.1E+00 9.6E-03 71

HAWKESBURY #39, CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
23:09-----23:39	6.9E-03 1.4E+00 5.5E-02 1013	2.5E+00 4.1E-02 1.0E-06 3	1.5E-01 3.5E-02 20 290	1.1E+00 8.8E-03 71
23:12-----23:42	6.6E-03 1.3E+00 5.4E-02 1013	2.3E+00 4.2E-02 1.0E-06 3	1.9E-01 3.7E-02 20 290	1.0E+00 9.0E-03 71
23:15-----23:45	6.3E-03 1.2E+00 5.3E-02 1013	2.2E+00 4.3E-02 1.0E-06 3	4.2E-01 3.8E-02 20 290	1.0E+00 8.5E-03 71
23:18-----23:48	6.1E-03 1.1E+00 5.2E-02 1013	2.2E+00 4.5E-02 1.0E-06 3	6.5E-01 4.0E-02 20 288	9.6E-01 9.7E-03 71
23:21-----23:51	5.8E-03 1.1E+00 5.1E-02 1013	2.1E+00 4.2E-02 1.0E-06 4	7.6E-01 3.3E-02 20 288	9.2E-01 1.6E-02 72
23:24-----23:54	5.6E-03 1.0E+00 5.1E-02 1013	2.0E+00 3.6E-02 1.0E-06 3	8.0E-01 2.7E-02 20 287	9.0E-01 1.5E-02 72
23:27-----23:57	5.5E-03 1.0E+00 5.1E-02 1013	2.0E+00 3.7E-02 1.0E-06 3	8.4E-01 2.7E-02 20 287	9.1E-01 1.6E-02 72
23:30-----00:00	5.4E-03 1.0E+00 5.0E-02 1013	2.0E+00 3.6E-02 1.0E-06 3	8.6E-01 2.6E-02 20 286	9.1E-01 1.8E-02 73
23:33-----00:03	5.3E-03 1.0E+00 4.9E-02 1013	2.1E+00 3.6E-02 1.0E-06 2	8.7E-01 2.6E-02 20 286	9.2E-01 1.8E-02 73
23:36-----00:06	5.3E-03 1.0E+00 4.8E-02 1013	2.1E+00 3.9E-02 1.0E-06 2	8.7E-01 2.7E-02 20 286	9.2E-01 1.9E-02 74
23:39-----00:09	5.3E-03 1.1E+00 4.7E-02 1013	2.2E+00 4.0E-02 1.0E-06 2	8.8E-01 2.7E-02 20 285	1.0E+00 3.2E-02 74

HAWKESBURY #39, CONT'D

PAGE 4

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
23:42-----00:12	5.3E-03 1.1E+00 4.6E-02 1013	2.3E+00 5.6E-02 1.0E-06 2	9.4E-01 2.7E-02 20 285	1.2E+00 4.5E-02 74
23:45-----00:15	5.1E-03 1.1E+00 4.6E-02 1013	2.3E+00 5.7E-02 1.0E-06 2	7.8E-01 2.8E-02 19 287	1.2E+00 4.6E-02 74
23:48-----00:18	5.1E-03 1.0E+00 4.6E-02 1013	2.2E+00 5.6E-02 1.0E-06 2	7.9E-01 2.8E-02 19 289	1.2E+00 4.5E-02 75
23:51-----00:21	5.1E-03 1.0E+00 4.5E-02 1013	2.2E+00 5.6E-02 1.0E-06 2	1.1E+00 3.0E-02 19 289	1.3E+00 3.9E-02 75
23:54-----00:24	5.2E-03 1.0E+00 4.5E-02 1013	2.2E+00 5.5E-02 1.0E-06 2	1.2E+00 2.8E-02 19 290	1.3E+00 4.0E-02 75
23:57-----00:27	5.2E-03 1.0E+00 4.5E-02 1013	2.2E+00 5.6E-02 1.0E-06 2	1.3E+00 2.8E-02 19 290	1.3E+00 4.1E-02 75
00:00-----00:30	5.3E-03 1.0E+00 4.5E-02 1013	2.2E+00 5.6E-02 1.0E-06 2	1.3E+00 2.9E-02 19 289	1.3E+00 3.9E-02 76
00:03-----00:33	5.4E-03 1.0E+00 4.6E-02 1013	2.1E+00 5.6E-02 1.0E-06 2	1.3E+00 2.8E-02 19 288	1.3E+00 4.2E-02 76
00:06-----00:36	5.4E-03 1.0E+00 4.6E-02 1013	2.1E+00 5.5E-02 1.0E-06 2	1.3E+00 2.8E-02 19 288	1.3E+00 4.5E-02 76
00:09-----00:39	5.5E-03 1.0E+00 4.7E-02 1013	2.0E+00 5.6E-02 1.0E-06 2	1.3E+00 2.7E-02 19 287	1.1E+00 3.4E-02 76
00:12-----00:42	5.4E-03 9.8E-01 4.8E-02 1013	1.8E+00 4.1E-02 1.0E-06 2	1.2E+00 2.7E-02 19 286	9.9E-01 2.2E-02 76

HAWKESBURY #39, CONT'D

PAGE 5

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
00:15----00:45	5.4E-03 9.8E-01 4.9E-02 1013	1.8E+00 4.0E-02 1.0E-06 2	1.1E+00 2.6E-02 19 284	9.9E-01 2.2E-02 77
00:18----00:48	5.3E-03 1.0E+00 4.9E-02 1013	1.8E+00 4.1E-02 1.0E-06 2	8.3E-01 2.7E-02 19 283	1.2E+00 2.2E-02 77
00:21----00:51	5.1E-03 9.9E-01 5.0E-02 1013	1.8E+00 3.8E-02 1.0E-06 2	4.1E-01 2.3E-02 19 283	1.1E+00 2.2E-02 77
00:24----00:54	4.9E-03 9.9E-01 5.0E-02 1013	1.8E+00 3.6E-02 1.0E-06 1	2.3E-01 2.2E-02 19 284	1.0E+00 2.2E-02 78
00:27----00:57	4.7E-03 9.9E-01 5.1E-02 1013	1.8E+00 3.5E-02 1.0E-06 1	1.6E-01 2.1E-02 19 284	1.0E+00 2.3E-02 78
00:30----01:00	4.5E-03 9.9E-01 5.1E-02 1013	1.8E+00 3.5E-02 1.0E-06 1	1.1E-01 2.0E-02 19 284	1.0E+00 2.2E-02 78
00:33----01:03	4.3E-03 9.8E-01 5.1E-02 1013	1.8E+00 3.4E-02 1.0E-06 1	7.8E-02 2.1E-02 19 284	1.0E+00 1.9E-02 79
00:36----01:06	4.2E-03 9.8E-01 5.2E-02 1013	1.8E+00 3.6E-02 1.0E-06 1	5.1E-02 2.3E-02 19 283	1.1E+00 1.7E-02 79
00:39----01:09	4.0E-03 9.8E-01 5.2E-02 1013	1.8E+00 3.7E-02 1.0E-06 2	4.5E-02 2.5E-02 19 284	1.1E+00 1.6E-02 79
00:42----01:12	3.9E-03 9.7E-01 5.2E-02 1013	1.8E+00 3.6E-02 1.0E-06 2	4.3E-02 2.4E-02 18 283	1.1E+00 1.5E-02 80
00:45----01:15	3.8E-03 9.7E-01 5.2E-02 1013	1.8E+00 3.5E-02 1.0E-06 2	4.1E-02 2.3E-02 18 284	1.1E+00 1.5E-02 80

HAWKESBURY #39, CONT'D

PAGE 6

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
00:48----01:18	3.7E-03 9.5E-01 5.3E-02 1013	1.8E+00 3.2E-02 1.0E-06 2	4.0E-02 2.0E-02 18 284	8.9E-01 1.4E-02 80
00:51----01:21	3.6E-03 9.5E-01 5.3E-02 1013	1.8E+00 3.1E-02 1.0E-06 2	3.9E-02 2.0E-02 18 283	8.9E-01 1.4E-02 81
00:54----01:24	3.5E-03 9.5E-01 5.3E-02 1013	1.8E+00 3.1E-02 1.0E-06 2	3.8E-02 2.0E-02 18 278	8.8E-01 1.3E-02 81
00:57----01:27	3.4E-03 9.5E-01 5.3E-02 1013	1.8E+00 3.1E-02 1.0E-06 2	3.7E-02 2.1E-02 18 275	8.9E-01 1.3E-02 81
01:00----01:30	3.3E-03 9.5E-01 5.2E-02 1013	1.8E+00 3.2E-02 1.0E-06 2	3.7E-02 2.1E-02 18 273	8.9E-01 1.3E-02 82
01:03----01:33	3.2E-03 9.5E-01 5.2E-02 1013	1.8E+00 3.1E-02 1.0E-06 2	3.7E-02 2.1E-02 18 269	8.9E-01 1.2E-02 82
01:06----01:36	3.2E-03 9.5E-01 5.2E-02 1013	2.0E+00 3.4E-02 1.0E-06 2	3.7E-02 1.9E-02 18 263	9.0E-01 1.8E-02 82
01:09----01:39	3.1E-03 9.5E-01 5.2E-02 1013	2.0E+00 3.5E-02 1.0E-06 2	3.7E-02 1.7E-02 18 261	9.0E-01 2.0E-02 82
01:12----01:42	3.1E-03 9.5E-01 5.1E-02 1013	2.0E+00 3.9E-02 1.0E-06 2	3.7E-02 2.0E-02 18 259	9.5E-01 2.1E-02 83
01:15----01:45	3.0E-03 9.5E-01 5.0E-02 1013	2.0E+00 4.1E-02 1.0E-06 2	3.7E-02 2.2E-02 18 254	9.7E-01 2.1E-02 83
01:18----01:48	2.9E-03 9.5E-01 4.9E-02 1013	2.0E+00 4.2E-02 1.0E-06 2	3.7E-02 2.2E-02 18 247	9.8E-01 2.2E-02 83

HAWKESBURY #39, CONT'D

PAGE 7

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
01:21----01:51	2.8E-03 9.5E-01 4.9E-02 1013	2.0E+00 4.2E-02 1.0E-06 2	3.7E-02 2.3E-02 18 243	9.8E-01 2.2E-02 83
01:24----01:54	2.8E-03 9.5E-01 4.8E-02 1013	2.0E+00 4.2E-02 1.0E-06 2	3.7E-02 2.3E-02 18 244	9.9E-01 2.1E-02 83
01:27----01:57	2.7E-03 9.4E-01 4.8E-02 1013	2.0E+00 4.2E-02 1.0E-06 2	3.7E-02 2.3E-02 18 244	9.9E-01 2.1E-02 84
01:30----02:00	2.7E-03 9.4E-01 4.8E-02 1013	2.0E+00 4.1E-02 1.0E-06 2	3.6E-02 2.3E-02 18 240	1.0E+00 2.0E-02 84
01:33----02:03	2.6E-03 9.4E-01 4.8E-02 1013	2.0E+00 4.0E-02 1.0E-06 1	3.6E-02 2.3E-02 18 240	1.0E+00 2.0E-02 84
01:36----02:06	2.6E-03 9.3E-01 4.7E-02 1013	1.8E+00 3.6E-02 1.0E-06 1	3.5E-02 2.3E-02 18 241	9.7E-01 1.4E-02 85
01:39----02:09	2.5E-03 9.3E-01 4.7E-02 1013	1.8E+00 3.2E-02 1.0E-06 1	3.5E-02 2.4E-02 18 241	9.8E-01 9.7E-03 85
01:42----02:12	2.5E-03 9.3E-01 4.7E-02 1013	1.9E+00 2.8E-02 1.0E-06 1	3.4E-02 2.1E-02 18 241	9.9E-01 1.2E-02 85
01:45----02:15	2.4E-03 9.3E-01 4.7E-02 1013	1.9E+00 4.4E-02 1.0E-06 1	3.4E-02 3.1E-02 17 241	9.8E-01 1.8E-02 85
01:48----02:18	2.4E-03 9.2E-01 4.6E-02 1013	1.9E+00 4.4E-02 1.0E-06 1	3.3E-02 3.2E-02 17 243	9.8E-01 1.7E-02 86
01:51----02:21	2.3E-03 9.2E-01 4.6E-02 1013	1.9E+00 4.4E-02 1.0E-06 1	3.2E-02 3.2E-02 17 242	9.9E-01 1.6E-02 86

0	2.3E-03	1.9E+00 9.2E-01 4.5E-02 1013	3.2E-02 4.5E-02 1.0E-06 1	9.9E-01 3.3E-02 17 240	1.7E-02 86
01:57----	02:27	2.2E-03 9.1E-01 4.4E-02 1013	1.9E+00 4.8E-02 1.0E-06 1	3.1E-02 3.5E-02 17 240	1.0E+00 1.8E-02 86
02:00----	02:30	2.2E-03 9.1E-01 4.4E-02 1013	1.9E+00 4.8E-02 1.0E-06 1	3.0E-02 3.5E-02 17 241	1.0E+00 1.8E-02 86
02:03----	02:33	2.2E-03 9.1E-01 4.3E-02 1013	2.0E+00 4.9E-02 1.0E-06 1	3.0E-02 3.6E-02 17 242	1.0E+00 1.8E-02 86
02:06----	02:36	2.1E-03 9.1E-01 4.4E-02 1013	2.0E+00 5.2E-02 1.0E-06 1	2.9E-02 3.4E-02 17 243	1.0E+00 3.6E-02 86
02:09----	02:39	2.1E-03 9.1E-01 4.3E-02 1013	2.2E+00 6.2E-02 1.0E-06 1	2.9E-02 4.2E-02 17 243	1.1E+00 4.1E-02 86
02:12----	02:42	2.0E-03 9.1E-01 4.2E-02 1013	2.3E+00 6.8E-02 1.0E-06 1	2.8E-02 4.4E-02 17 244	1.0E+00 5.4E-02 86
02:15----	02:45	2.0E-03 9.1E-01 4.2E-02 1013	2.3E+00 5.1E-02 1.0E-06 1	2.8E-02 3.2E-02 17 243	1.0E+00 4.8E-02 86
02:18----	02:48	2.0E-03 9.0E-01 4.3E-02 1013	2.3E+00 5.2E-02 1.0E-06 1	2.8E-02 3.4E-02 17 240	1.0E+00 4.8E-02 86
02:21----	02:51	2.0E-03 9.0E-01 4.3E-02 1013	2.3E+00 6.1E-02 1.0E-06 1	2.7E-02 3.6E-02 17 241	1.0E+00 5.6E-02 87
02:24----	02:54	1.9E-03 9.0E-01 4.4E-02 1013	2.3E+00 6.1E-02 1.0E-06 1	2.7E-02 3.6E-02 17 244	1.0E+00 5.6E-02 87

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
02:27-----02:57	1.9E-03 9.1E-01 4.3E-02 1013	2.3E+00 6.4E-02 1.0E-06 1	2.7E-02 3.7E-02 17 244	1.1E+00 5.8E-02 87
02:30-----03:00	1.8E-03 9.2E-01 4.3E-02 1013	2.3E+00 6.6E-02 1.0E-06 1	2.7E-02 3.8E-02 17 243	1.1E+00 5.9E-02 87
02:33-----03:03	1.8E-03 9.1E-01 4.4E-02 1013	2.2E+00 6.6E-02 1.0E-06 1	2.7E-02 3.7E-02 17 242	1.1E+00 6.0E-02 88
02:36-----03:06	1.8E-03 9.2E-01 4.4E-02 1013	2.2E+00 6.2E-02 1.0E-06 1	2.6E-02 3.9E-02 17 244	1.1E+00 4.1E-02 88
02:39-----03:09	1.8E-03 9.2E-01 4.4E-02 1013	2.0E+00 6.5E-02 1.0E-06 1	2.6E-02 4.5E-02 17 245	1.1E+00 4.6E-02 89
02:42-----03:12	1.8E-03 9.2E-01 4.4E-02 1013	1.9E+00 6.1E-02 1.0E-06 1	2.7E-02 4.3E-02 17 246	1.1E+00 2.9E-02 89

STATISTICS

NUMBER OF READINGS 308

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.42E-03	9.14E-03	4.39E-03	2.07E-03	3.90E-03	1.65E+00
THC	1.71E+00	7.22E+00	2.18E+00	8.60E-01	2.08E+00	1.31E+00
SO2	2.50E-02	4.73E+00	2.70E-01	6.55E-01	8.76E-02	3.50E+00
THC-CH4	7.63E-01	9.35E+00	1.10E+00	7.39E-01	1.01E+00	1.39E+00
CH4	8.57E-01	2.27E+00	1.10E+00	2.85E-01	1.07E+00	1.24E+00
NOX	1.47E-02	9.40E-01	4.69E-02	7.73E-02	3.34E-02	1.89E+00
NO2	1.00E-06	4.83E-01	2.88E-02	4.86E-02	8.96E-03	1.85E+01
NO	3.26E-03	4.51E-01	2.86E-02	6.84E-02	1.25E-02	2.69E+00
OZONE	1.77E-02	6.64E-02	5.03E-02	7.45E-03	4.97E-02	1.17E+00
SOLAR RAD	1.00E-06	1.00E-06	1.00E-06	0.00E+00	1.00E-06	1.00E+0
TEMP	17	22	19	1		
HUMIDITY	63	93	78	8	77	1
BAROMETER	1013	1013	1013	0	1013	1
WIND SPEED	0	8	2	1	1	4



(6988)

MOE/HAW/AMB/ALOA

MOE/HAW/AMB/ALOA

Ontario Ministry of the En
Ambient air survey
in the Hawkesbury aloa

c.1 a aa